

# Converting Colors

YUV(238.6670, -1.8078,  
-26.8950)

Have a look what the booklet for  
YUV(238.6670, -1.8078, -26.8950)  
contains.

<b>YUV(238.6670, -1.8078, -26.8950)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(238.6670, -1.8078,  
-26.8950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0FFEB
RGB	208, 255, 235
RGB Percent	82%, 100%, 92%
CMY	0.1843, 0.0000, 0.0784
CMYK	0.18, 0.00, 0.08, 0.00
HSL	154°, 100%, 91%
HSV	154°, 18%, 100%
XYZ	76.7678, 90.9281, 92.1020
YIQ	238.6670, -21.5920, -16.1840

# Conversions

## Conversions Part 2

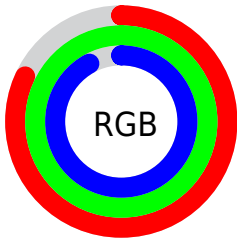
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	208, 238, 255
Decimal	13697003
CIE Lab	96.38, -18.76, 4.61
CIE LCh	96, 19.317, 166.186
Yxy	90.9281, 0.2955, 0.3500
Android (android.graphics.Color)	4291887083 (0xFFD0FFEB)
YUV	238.6670, -1.8078, -26.8950
Hunter-Lab	95.3562, -23.1695, 9.4827

# Details

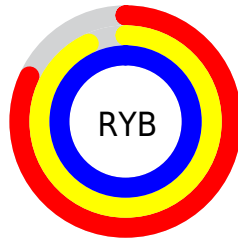
The YUV color  $238.6670, -1.8078, -26.8950$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $224.3330, 1.8078, 26.8950$ , and the grayscale version is  $239.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $182.3790, -1.6658, -25.7654$  is the 20% darker color. If you saturate the color by 10%, you get  $229.6390, -2.7800, -41.7794$ , and if you desaturate by 10%, it is  $247.6950, -0.8356, -12.0105$ .

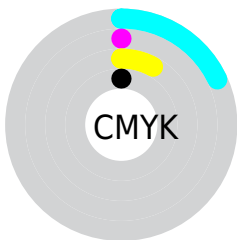
# Distribution



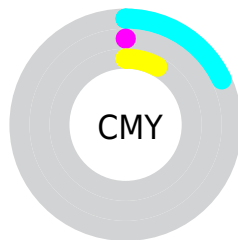
- Red (82%)
- Green (100%)
- Blue (92%)



- Red (82%)
- Yellow (93%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 238.6670, -1.8078, -26.8950 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 238.6670, -1.8078, -26.8950 by changing the saturation by 10% instead.



■ 238.6670, -1.8078,  
-26.8950

■ 238.6670, -1.8078,  
-26.8950

255.0000, 0.0000,  
0.0000

■ 210.0800, -1.5184,  
-26.3802

■ 182.3790, -1.6658,  
-25.7654

■ 155.7920, -1.3765,  
-25.2506

■ 129.2050, -1.0871,  
-24.7358

■ 103.6180, -0.7977,  
-24.2210

■ 79.6180, -0.7977,  
-24.2210

■ 55.7320, -0.3609,

-24.3210

■ 32.3620, 0.8075,  
-25.7505

■ 17.6900, -3.2982,  
-15.5141

■ 238.6670, -1.8078,  
-26.8950

■ 238.6670, -1.8078,  
-26.8950

■ 229.6390, -2.7800,  
-41.7794

■ 247.6950, -0.8356,  
-12.0105

■ 220.9100, -3.8996,  
-56.0491

255.0000, 0.0000,  
0.0000

■ 212.1810, -5.0192,  
-70.3187

■ 203.2670, -5.5546,  
-85.3032

■ 194.5380, -6.6742,  
-99.5728

■ 185.5100, -7.6464,  
-114.4573

■ 176.4820, -8.6186,  
-129.3417

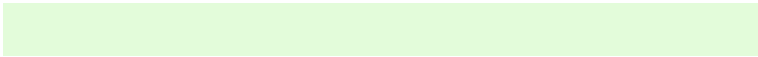
■ 167.7530, -9.7382,  
-143.6114

■ 166.3290,  
-10.0222, -145.8705

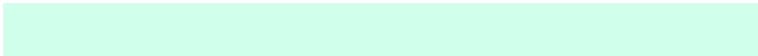
# Harmonies

## Analogous

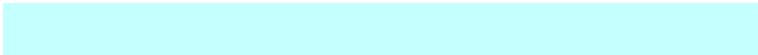
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.6490, -11.1660, -11.9702



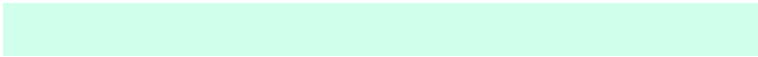
238.6670, -1.8078, -26.8950



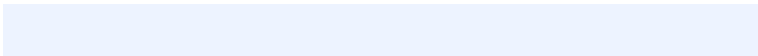
237.5440, 8.1128, -35.5571

# Triad

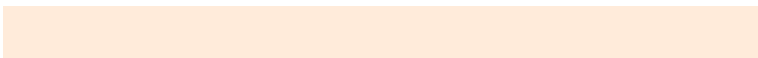
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.6670, -1.8078, -26.8950



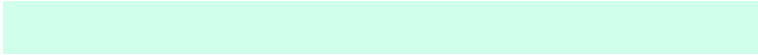
242.5740, 6.1260, -4.8884



239.0420, -10.3737, 13.9952

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



238.6670, -1.8078, -26.8950



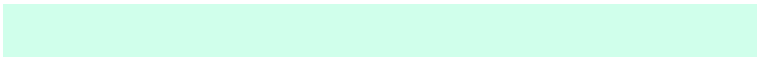
224.3330, 1.8078, 26.8950

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.2190, -2.0800, 13.8399



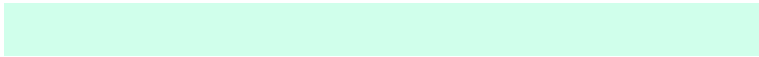
238.6670, -1.8078, -26.8950



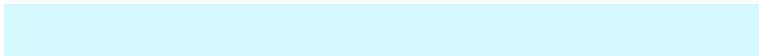
244.4340, 5.2090, 9.2664

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



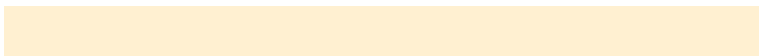
238.6670, -1.8078, -26.8950



239.2190, 7.7800, -22.1171



241.9720, 5.9298, 11.4256

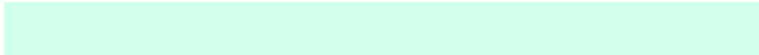


240.9510, -15.7518, 12.3210

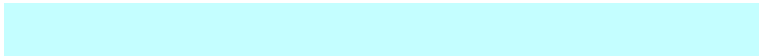


# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



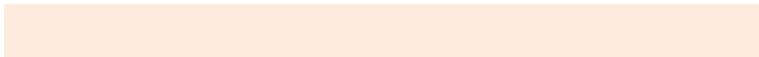
238.6670, -1.8078, -26.8950



236.7720, 8.9864, -35.7570



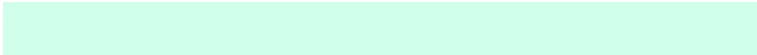
241.9720, 5.9298, 11.4256



239.0250, -7.9003, 14.0101

# Sweetspot

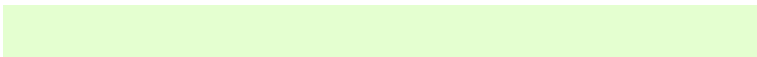
The Sweet Spot groups the original color and five complimentary colors.



238.6670, -1.8078, -26.8950



249.7170, -0.8465, -8.5218



241.5690, -16.5495, -11.9000



124.8530, -0.4205, -5.1331



0.0000, 0.0000, 0.0000

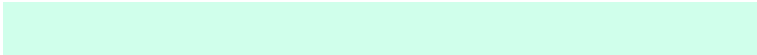


128.0000, 0.0000, 0.0000

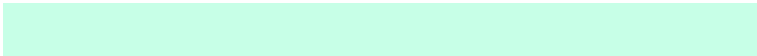


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.6670, -1.8078, -26.8950



235.5200, -2.2284, -32.0280



239.1860, 7.7963, -27.3501



123.4290, -0.7045, -7.3922



124.6570, -7.2259, -109.3242



41.7860, -2.3595, -36.6463



# Inverse Universe

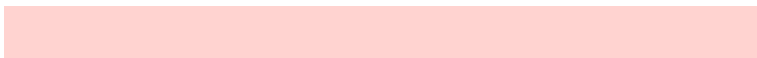
The Inverse Universe completely reimagines the original color for something new.



224.3330, 1.8078, 26.8950



218.4800, 2.2284, 32.0280



223.8140, -7.7963, 27.3501



119.4570, 0.2677, 7.4922



66.3430, 7.2259, 109.3242

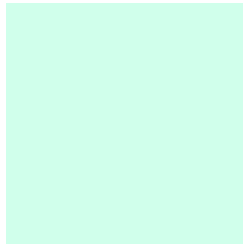


22.2140, 2.3595, 36.6463



# Previews

## White Background



This preview shows how the YUV color 238.6670, -1.8078, -26.8950 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

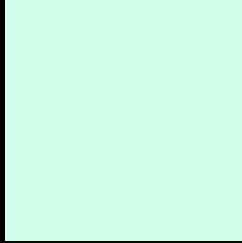
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 238.6670, -1.8078, -26.8950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

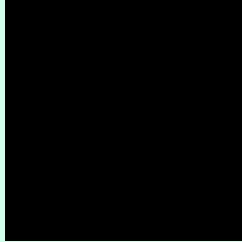
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

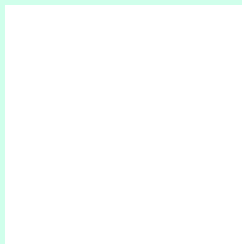
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 238.6670, -1.8078, -26.8950 Background



This preview shows how black text looks on a background with the YUV color 238.6670, -1.8078, -26.8950.



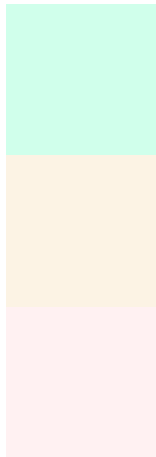
This preview shows how white text looks on a background with the YUV color 238.6670, -1.8078,

-26.8950.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

238.6670, -1.8078, -26.8950

### Protanopia

243.9810, -7.8786, 7.0327

### Deuteranopia

245.3000, -1.6269, 8.5069



## Tritanopia

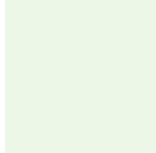
242.8400, 5.9949, -9.5067

# Trichromacy



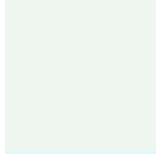
## Original Color

238.6670, -1.8078, -26.8950



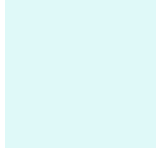
## Protanomaly

241.8870, -5.3673, -5.1629



## Deuteranomaly

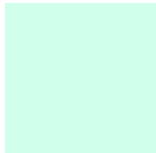
242.8100, -1.8783, -4.2184



## Tritanomaly

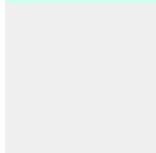
241.1120, 3.3958, -15.8842

# Monochromacy



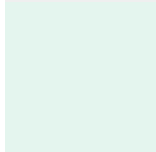
## Original Color

238.6670, -1.8078, -26.8950



## Achromatopsia

239.0000, 0.0000, 0.0000



## Achromatomaly

239.1190, -0.5517, -9.7514

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 238.6670, -1.8078, -26.8950 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 235) }
```

## Border

The CSS property to change the border of an element to YUV 238.6670, -1.8078, -26.8950 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 255, 235) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 255, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(208, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 238.6670, -1.8078, -26.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
255, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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