

# Converting Colors

YUV(235.6770, 3.1172,  
-19.8877)

Have a look what the booklet for  
YUV(235.6770, 3.1172, -19.8877)  
contains.

<b>YUV(235.6770, 3.1172, -19.8877)</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(235.6770, 3.1172,  
-19.8877)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5F6F2
RGB	213, 246, 242
RGB Percent	84%, 96%, 95%
CMY	0.1647, 0.0353, 0.0510
CMYK	0.13, 0.00, 0.02, 0.04
HSL	173°, 65%, 90%
HSV	173°, 13%, 96%
XYZ	76.4234, 86.4685, 96.6665
YIQ	235.6770, -18.3840, -8.2400

# Conversions

## Conversions Part 2

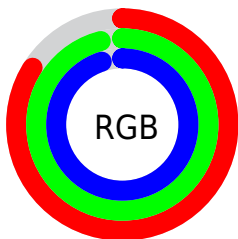
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 231, 246
Decimal	14022386
CIE Lab	94.51, -11.40, -1.68
CIE LCh	95, 11.527, 188.396
Yxy	86.4685, 0.2944, 0.3331
Android (android.graphics.Color)	4292212466 (0xFFD5F6F2)
YUV	235.6770, 3.1172, -19.8877
Hunter-Lab	92.9884, -16.0280, 3.4567

# Details

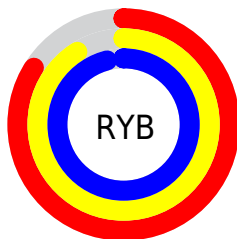
The YUV color  $235.6770, 3.1172, -19.8877$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $223.3230, -3.1172, 19.8877$ , and the grayscale version is  $236.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $179.9760, 2.9698, -19.2730$  is the 20% darker color. If you saturate the color by 10%, you get  $227.8600, 5.4920, -34.9572$ , and if you desaturate by 10%, it is  $243.4940, 0.7425, -4.8182$ .

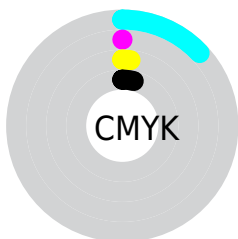
# Distribution



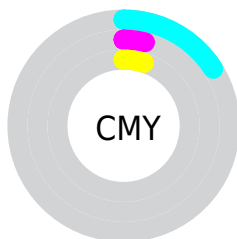
- Red (84%)
- Green (96%)
- Blue (95%)



- Red (84%)
- Yellow (91%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 235.6770, 3.1172, -19.8877 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 235.6770, 3.1172, -19.8877 by changing the saturation by 10% instead.



■ 235.6770, 3.1172,  
-19.8877

■ 235.6770, 3.1172,  
-19.8877

255.0000, 0.0000,  
0.0000

■ 207.6770, 3.1172,  
-19.8877

■ 179.9760, 2.9698,  
-19.2730

■ 153.2750, 2.8224,  
-18.6582

■ 126.6880, 3.1118,  
-18.1434

■ 101.6880, 3.1118,  
-18.1434

■ 77.2860, 2.8170,  
-16.9138

■ 54.2860, 2.8170,

-16.9138

■ 32.4000, 3.2538,  
-17.0138

■ 14.3790, 1.7852,  
-12.6104

■ 235.6770, 3.1172,  
-19.8877

■ 235.6770, 3.1172,  
-19.8877

■ 227.8600, 5.4920,  
-34.9572

■ 243.4940, 0.7425,  
-4.8182

■ 220.3420, 7.7194,  
-49.4119

■ 248.9190, -0.4531,  
5.3330

■ 212.5250, 10.0942,  
-64.4814

■ 249.2610, 0.8573,  
5.0331

■ 205.0070, 12.3215,  
-78.9361

■ 249.6030, 2.1677,  
4.7332

■ 197.1900, 14.6963,  
-94.0056

■ 249.7170, 2.6045,  
4.6332

■ 189.3730, 17.0711,  
-109.0751

■ 181.8550, 19.2985,  
-123.5298

■ 174.0380, 21.6733,  
-138.5993

■ 169.0260, 23.1582,  
-148.2358

# Harmonies

## Analogous

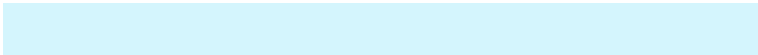
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.2280, -2.5774, -13.3550



235.6770, 3.1172, -19.8877



236.0450, 8.3588, -21.0875

# Triad

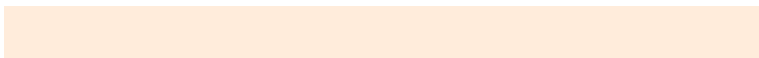
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.6770, 3.1172, -19.8877



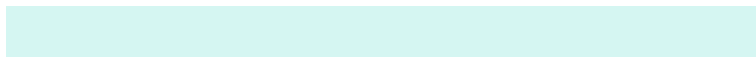
240.2700, 7.2619, 4.1482



239.7430, -10.2263, 13.3804

# Complementary

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



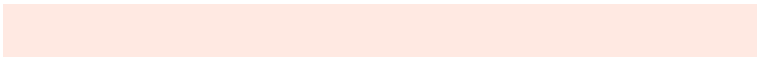
235.6770, 3.1172, -19.8877



223.3230, -3.1172, 19.8877

# 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.



238.7800, -6.3005, 14.2249



235.6770, 3.1172, -19.8877



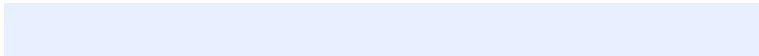
241.2880, 3.3090, 12.0254

# Square

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



235.6770, 3.1172, -19.8877



238.7310, 8.0206, -5.9031



239.3330, -1.6432, 13.7400



238.2860, -10.4940, 5.8882

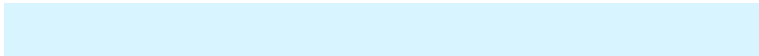


# Rectangle

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



235.6770, 3.1172, -19.8877



236.8820, 8.9322, -18.3135



239.3330, -1.6432, 13.7400



239.3840, -9.0633, 13.6952

# Sweetspot

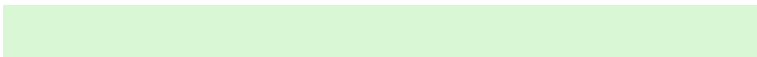
The Sweet Spot groups the original color and five complimentary colors.



235.6770, 3.1172, -19.8877



251.8960, 1.0373, -6.0478



233.5670, -10.1395, -14.5293



125.7930, 0.5951, -4.2035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

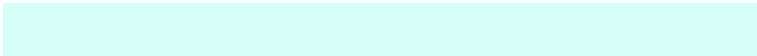


# Same Dimension

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



235.6770, 3.1172, -19.8877



242.1710, 3.8597, -24.7060



229.0890, 8.3371, -14.1101



118.2980, 1.3321, -7.2773



127.8780, 17.8081, -112.1490



40.5610, 5.6394, -35.5720



# Inverse Universe

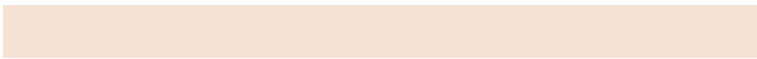
The Inverse Universe completely reimagines the original color for something new.



223.3230, -3.1172, 19.8877



226.8290, -3.8597, 24.7060



229.9110, -8.3371, 14.1101



113.8160, -0.8953, 7.1774



58.2360, -17.3713, 112.0490



18.4390, -5.6394, 35.5720



# Previews

## White Background



This preview shows how the YUV color 235.6770, 3.1172, -19.8877 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

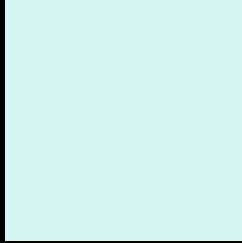
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 235.6770, 3.1172, -19.8877 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

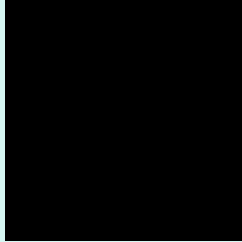
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

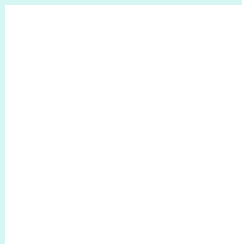
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 235.6770, 3.1172, -19.8877

## Background



This preview shows how black text looks on a background with the YUV color 235.6770, 3.1172, -19.8877.



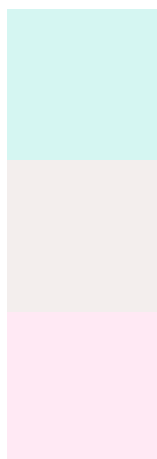
This preview shows how white text looks on a background with the YUV color 235.6770, 3.1172, -19.8877.

-19.8877.

# 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

235.6770, 3.1172, -19.8877

### Protanopia

239.3810, -1.1738, 3.1739

### Deuteranopia

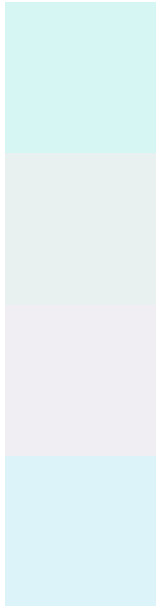
240.8320, 1.5618, 12.4253



## **Tritanopia**

238.1000, 8.3317, -12.3657

# Trichromacy



## Original Color

235.6770, 3.1172, -19.8877

## Protanomaly

238.0810, 0.4531, -5.3330

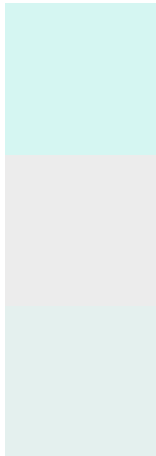
## Deuteranomaly

239.1680, 1.8892, 0.7297

## Tritanomaly

236.9210, 6.4479, -14.8397

# Monochromacy



## Original Color

235.6770, 3.1172, -19.8877

## Achromatopsia

236.0000, 0.0000, 0.0000

## Achromatomaly

236.1840, 0.8953, -7.1774

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 235.6770, 3.1172, -19.8877 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(213, 246, 242)` looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 242)  
}
```

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(213, 246, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 242) }
```

## Border

The CSS property to change the border of an element to YUV 235.6770, 3.1172, -19.8877 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(213, 246, 242) }
```



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

```
.border{ border-color:rgb(213, 246, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 246, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 246, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 246, 242);  
box-shadow:4px 4px 4px 4px rgb(213, 246,  
242) }
```

# Background

The CSS property to change the background color of an element to YUV 235.6770, 3.1172, -19.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 242) }
```

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

```
.background{ background-color: rgb(213,  
246, 242) }
```

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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