

# Converting Colors

YUV(236.8550, 6.4805,  
-25.3058)

Have a look what the booklet for  
YUV(236.8550, 6.4805, -25.3058)  
contains.

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# Color

**YUV(236.8550, 6.4805,  
-25.3058)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0F9FA
RGB	208, 249, 250
RGB Percent	82%, 98%, 98%
CMY	0.1843, 0.0235, 0.0196
CMYK	0.17, 0.00, 0.00, 0.02
HSL	181°, 81%, 90%
HSV	181°, 17%, 98%
XYZ	77.1434, 88.0634, 103.3745
YIQ	236.8550, -24.7570, -8.3810

# Conversions

## Conversions Part 2

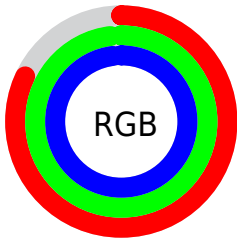
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	208, 229, 250
Decimal	13695482
CIE Lab	95.19, -12.86, -4.87
CIE LCh	95, 13.749, 200.727
Yxy	88.0634, 0.2872, 0.3279
Android (android.graphics.Color)	4291885562 (0xFFD0F9FA)
YUV	236.8550, 6.4805, -25.3058
Hunter-Lab	93.8421, -17.4867, 0.3768

# Details

The YUV color  $236.8550, 6.4805, -25.3058$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $221.1450, -6.4805, 25.3058$ , and the grayscale version is  $237.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $181.1540, 6.3331, -24.6911$  is the 20% darker color. If you saturate the color by 10%, you get  $228.7930, 10.4551, -40.1605$ , and if you desaturate by 10%, it is  $244.9170, 2.5059, -10.4512$ .

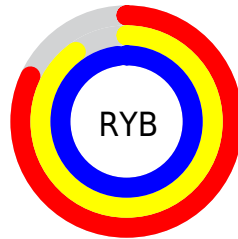
# Distribution



Red (82%)

Green (98%)

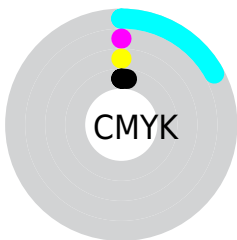
Blue (98%)



Red (82%)

Yellow (90%)

Blue (98%)

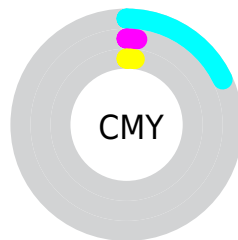


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (18%)

Magenta (2%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 236.8550, 6.4805, -25.3058 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 236.8550, 6.4805, -25.3058 by changing the saturation by 10% instead.



236.8550, 6.4805,  
-25.3058

236.8550, 6.4805,  
-25.3058

255.0000, 0.0000,  
0.0000

208.1540, 6.3331,  
-24.6911

181.1540, 6.3331,  
-24.6911

153.7520, 6.0383,  
-23.4615

127.7520, 6.0383,  
-23.4615

102.1650, 6.3277,  
-22.9467

78.0510, 5.8909,  
-22.8467

54.1650, 6.3277,

-22.9467

■ 30.9690, 6.9173,  
-25.4058

■ 16.8240, 3.5378,  
-14.7546

■ 236.8550, 6.4805,  
-25.3058

■ 236.8550, 6.4805,  
-25.3058

■ 228.7930, 10.4551,  
-40.1605

■ 244.9170, 2.5059,  
-10.4512

■ 221.3180, 14.1402,  
-55.5299

■ 251.4950, -0.7370,  
3.0739

■ 213.2560, 18.1148,  
-70.3845

■ 252.0820, -1.0264,  
2.5591

■ 205.7810, 21.8000,  
-85.7539

■ 252.6690, -1.3158,  
2.0443

■ 197.7190, 25.7745,  
-100.6086

■ 253.2560, -1.6052,  
1.5295

■ 189.6570, 29.7491,  
-115.4632

■ 253.8430, -1.8946,  
1.0147

■ 182.1820, 33.4343,  
-130.8326

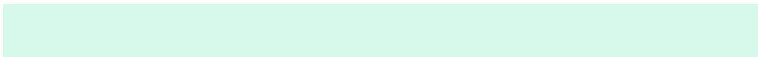
■ 174.1200, 37.4088,  
-145.6872

■ 171.7280, 38.5881,  
-150.6055

# Harmonies

## Analogous

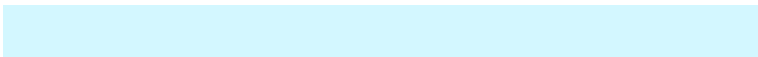
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.0530, -0.5191, -20.2175



236.8550, 6.4805, -25.3058



237.1480, 8.8010, -22.9318

# Triad

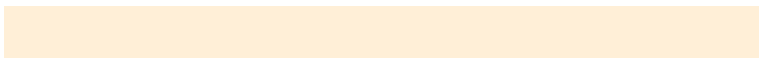
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.8550, 6.4805, -25.3058



243.2600, 5.7878, 10.2960



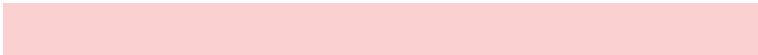
241.0480, -12.8417, 12.2359

# Complementary

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



236.8550, 6.4805, -25.3058



221.1450, -6.4805, 25.3058

# 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.



239.3840, -9.0633, 13.6952



236.8550, 6.4805, -25.3058



241.0600, 2.4354, 12.2254

# Square

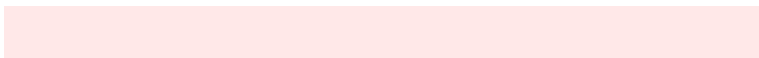
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.8550, 6.4805, -25.3058



240.8240, 6.9888, -1.5996



238.8770, -3.3904, 14.1399

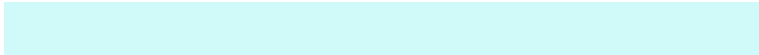


239.6230, -11.6461, 2.0846

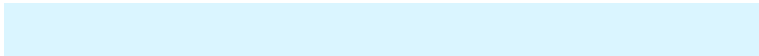


# Rectangle

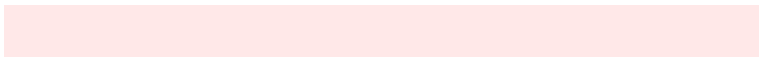
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



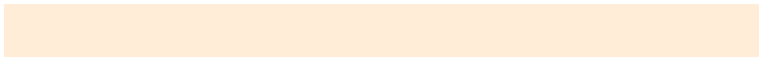
236.8550, 6.4805, -25.3058



238.0670, 8.3480, -17.5988



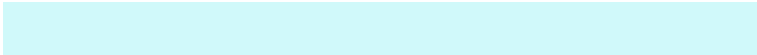
238.8770, -3.3904, 14.1399



239.9880, -11.8261, 13.1655

# Sweetspot

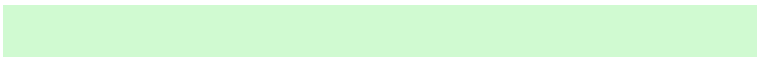
The Sweet Spot groups the original color and five complimentary colors.



236.8550, 6.4805, -25.3058



251.1130, 1.9163, -7.9921



232.7680, -11.7176, -21.7215



125.0210, 1.4686, -4.4034



0.0000, 0.0000, 0.0000

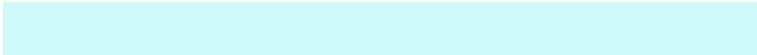


128.0000, 0.0000, 0.0000



# Same Dimension

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



236.8550, 6.4805, -25.3058



239.1640, 7.8071, -30.8388



224.5280, 12.5577, -14.4951



121.1130, 1.9163, -7.9921



129.5540, 29.3069, -113.6189



42.1740, 9.2812, -36.9866



# Inverse Universe

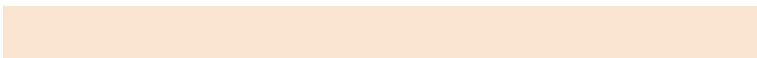
The Inverse Universe completely reimagines the original color for something new.



225.2320, 11.7176, 21.7215



224.9490, 14.3221, 26.3547



233.4720, -12.5577, 14.4951



117.3690, 3.7621, 6.6924



77.4870, 52.5109, 97.7969

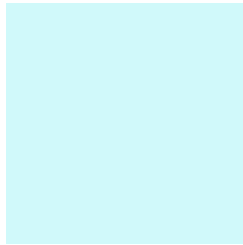


25.0790, 17.2161, 31.5027



# Previews

## White Background



This preview shows how the YUV color 236.8550, 6.4805, -25.3058 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

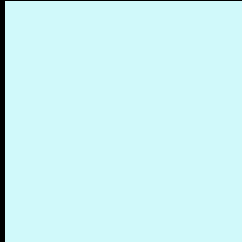
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 236.8550, 6.4805, -25.3058 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

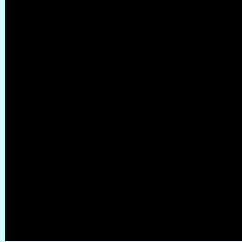
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 236.8550, 6.4805, -25.3058

## Background



This preview shows how black text looks on a background with the YUV color 236.8550, 6.4805, -25.3058.



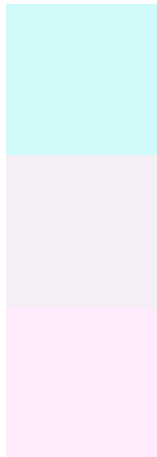
This preview shows how white text looks on a background with the YUV color 236.8550, 6.4805, -25.3058.

-25.3058.

# 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

236.8550, 6.4805, -25.3058

### Protanopia

241.0650, 1.4470, 2.5740

### Deuteranopia

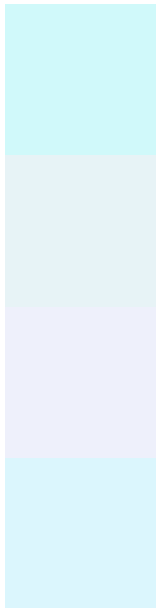
242.8040, 4.0406, 10.6959



## Tritanopia

239.5730, 7.6055, -12.7805

# Trichromacy



## Original Color

236.8550, 6.4805, -25.3058

## Protanomaly

239.7540, 3.0793, -7.6773

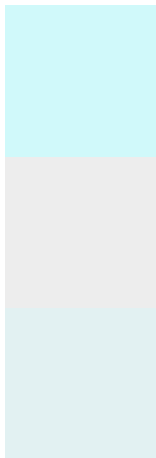
## Deuteranomaly

240.6560, 5.0996, -2.3293

## Tritanomaly

238.7250, 7.0376, -17.2988

# Monochromacy



## Original Color

236.8550, 6.4805, -25.3058

## Achromatopsia

237.0000, 0.0000, 0.0000

## Achromatomaly

236.6290, 2.6479, -9.3216

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 236.8550, 6.4805, -25.3058 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, 249, 250)` looks like.

```
.text, #text, p{  
    color:rgb(208, 249, 250)  
}
```

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, 249, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 249, 250) }
```

## Border

The CSS property to change the border of an element to YUV 236.8550, 6.4805, -25.3058 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, 249, 250) }
```



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

```
.border{ border-color:rgb(208, 249, 250) }
```

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

Here you see how a box with a 4 pixel rgb(208, 249, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 249, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 249, 250);  
box-shadow:4px 4px 4px 4px rgb(208, 249,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 236.8550, 6.4805, -25.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 249, 250) }
```

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

```
.background{ background-color: rgb(208,  
249, 250) }
```

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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