

# Converting Colors

YUV(208.6000, -6.7048, 3.8588)

Have a look what the booklet for  
YUV(208.6000, -6.7048, 3.8588)  
contains.

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# Color

**YUV(208.6000, -6.7048,  
3.8588)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D5D1C3
RGB	213, 209, 195
RGB Percent	84%, 82%, 76%
CMY	0.1647, 0.1804, 0.2353
CMYK	0.00, 0.02, 0.08, 0.16
HSL	47°, 18%, 80%
HSV	47°, 8%, 84%
XYZ	60.0914, 63.6872, 60.7555
YIQ	208.6000, 6.8780, -3.5060

# Conversions

## Conversions Part 2

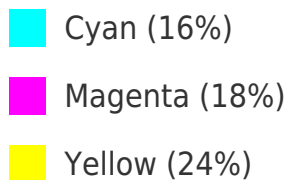
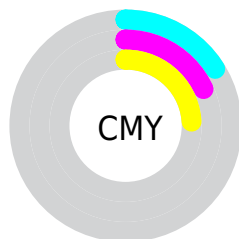
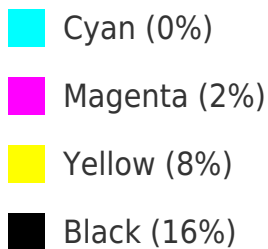
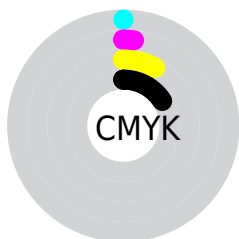
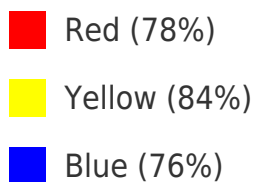
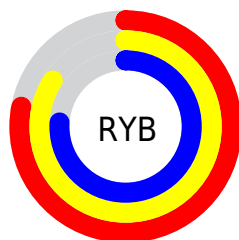
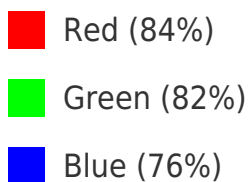
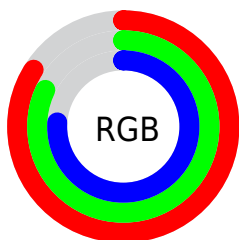
Format	Color
<a href="#">RYB</a>	<a href="#">200, 213, 195</a>
Decimal	<a href="#">14012867</a>
CIELab	<a href="#">83.80, -1.05, 7.42</a>
CIELCh	<a href="#">84, 7.493, 98.041</a>
Yxy	<a href="#">63.6872, 0.3256, 0.3451</a>
Android (android.graphics.Color)	<a href="#">4292202947</a> <a href="#">(0xFFD5D1C3)</a>
YUV	<a href="#">208.6000, -6.7048, 3.8588</a>
Hunter-Lab	<a href="#">79.8043, -5.2497, 10.7251</a>

# Details

The YUV color  $208.6000, -6.7048, 3.8588$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $199.4000, 6.7048, -3.8588$ , and the grayscale version is  $209.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.6580, -1.3104, 0.2999$ , and  $154.3010, -6.5574, 3.2440$  is the 20% darker color. If you saturate the color by 10%, you get  $203.2710, -14.4306, 8.5323$ , and if you desaturate by 10%, it is  $213.9290, 1.0210, -0.8147$ .

# Distribution



# Brightness & Saturation

## Gradients

These gradients show how the YUV color 208.6000, -6.7048, 3.8588 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 208.6000, -6.7048, 3.8588 by changing the saturation by 10% instead.




 208.6000, -6.7048,  
3.8588

 208.6000, -6.7048,  
3.8588


255.0000, 0.0000,  
0.0000


 180.7140, -6.2680,  
3.7588


254.6580, -1.3104,  
0.2999

 154.3010, -6.5574,  
3.2440

 128.4150, -6.1206,  
3.1440


 103.4150, -6.1206,  
3.1440


 79.5290, -5.6838,  
3.0441


 56.6430, -5.2470,  
2.9441

 34.7570, -4.8102,

2.8441


 13.3010, -6.5574,  
3.2440


 0.0000, 0.0000,  
0.0000


 208.6000, -6.7048,  
3.8588


 208.6000, -6.7048,  
3.8588


 203.2710,  
-14.4306, 8.5323

 213.9290, 1.0210,  
-0.8147


 198.4150,  
-22.8826, 12.7910

 218.7850, 9.4730,  
-5.0734

 193.0860,  
-30.6084, 17.4646

 223.6580, 15.4516,  
-9.3471

 187.7570,  
-38.3342, 22.1381

 226.5930, 14.0047,  
-11.9211

■ 182.3140,  
-46.4968, 26.9116

■ 229.5280, 12.5577,  
-14.4951

■ 177.5720,  
-54.5120, 31.0704

■ 231.8760, 11.4001,  
-16.5543

■ 172.2430,  
-62.2378, 35.7439

■ 234.8110, 9.9532,  
-19.1282

■ 166.9140,  
-69.9636, 40.4174

■ 237.7460, 8.5062,  
-21.7022

■ 161.4710,  
-78.1262, 45.1909

■ 240.6810, 7.0593,  
-24.2762

# Harmonies

## Analogous

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



209.6330, -6.7211, 9.0919



208.6000, -6.7048, 3.8588



207.7240, -4.7939, -2.3889

# Triad

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



208.6000, -6.7048, 3.8588



207.1770, 4.8427, -13.3102



210.5110, 1.7201, 8.3219

# Complementary

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



208.6000, -6.7048, 3.8588



199.4000, 6.7048, -3.8588

# 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.



210.2760, 4.7939, 2.3889



208.6000, -6.7048, 3.8588



208.0680, 6.8685, -9.7066

# Square

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



208.6000, -6.7048, 3.8588



206.7920, 2.0745, -12.0956



209.1010, 6.8522, -4.4736



210.3220, -1.6377, 11.9956



# Rectangle

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



208.6000, -6.7048, 3.8588



207.1580, -3.0359, -6.2776



209.1010, 6.8522, -4.4736



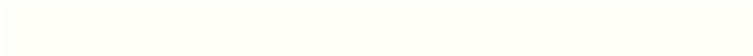
210.1410, 2.8885, 6.8923

# Sweetspot

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



208.6000, -6.7048, 3.8588



252.9140, -2.9156, 1.8294



200.8380, -0.9061, 10.6661



126.1420, -2.0420, 1.6295



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

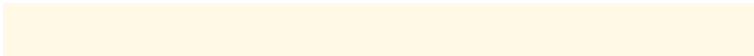


# Same Dimension

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



208.6000, -6.7048, 3.8588



248.6280, -9.1836, 5.5882



209.4530, -7.1253, -1.2743



104.5720, -4.2260, 2.1294



129.2000, -63.6956, 36.6586



32.8150, -16.1778, 8.9322



# Inverse Universe

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



199.4000, 6.7048, -3.8588



235.7850, 9.4730, -5.0734



198.5470, 7.1253, 1.2743



99.0150, 3.9366, -2.6442



41.8000, 63.6956, -36.6586

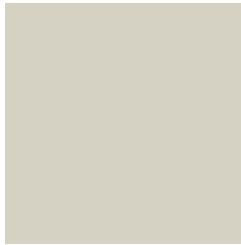


10.7720, 15.8884, -9.4470



# Previews

## White Background



This preview shows how the YUV color 208.6000, -6.7048, 3.8588 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

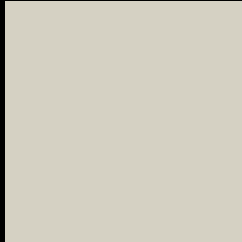
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.6000, -6.7048, 3.8588 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

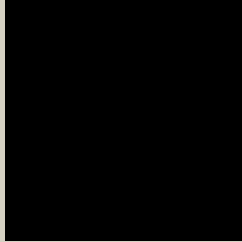
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

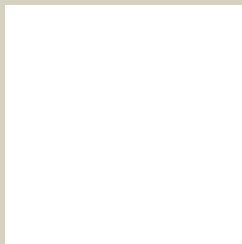
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 208.6000, -6.7048, 3.8588

## Background



This preview shows how black text looks on a background with the YUV color 208.6000, -6.7048, 3.8588.



This preview shows how white text looks on a background with the YUV color 208.6000, -6.7048,



# 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

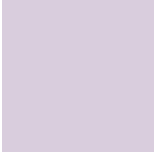
208.6000, -6.7048, 3.8588

### Protanopia

208.9100, -6.8576, 6.2179

### Deuteranopia

210.8840, -7.3378, 20.2727



## Tritanopia

210.4120, 5.2199, 5.7777

# Trichromacy

	<b>Original Color</b> 208.6000, -6.7048, 3.8588
	<b>Protanomaly</b> 208.6110, -6.7102, 5.6032
	<b>Deuteranomaly</b> 210.2530, -7.0267, 13.8101
	<b>Tritanomaly</b> 209.6740, 1.1467, 5.5479

# Monochromacy

	<b>Original Color</b> 208.6000, -6.7048, 3.8588
	<b>Achromatopsia</b> 209.0000, 0.0000, 0.0000
	<b>Achromatomaly</b> 208.7290, -2.3314, 1.1147

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.6000, -6.7048, 3.8588 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, 209, 195)` looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 195)  
}
```

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, 209, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 195) }
```

## Border

The CSS property to change the border of an element to YUV 208.6000, -6.7048, 3.8588 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, 209, 195) }
```



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

```
.border{ border-color:rgb(213, 209, 195) }
```

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

Here you see how a box with a 4 pixel rgb(213, 209, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
195) }
```

# Background

The CSS property to change the background color of an element to YUV 208.6000, -6.7048, 3.8588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 195) }
```

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

```
.background{ background-color: rgb(213,  
209, 195) }
```

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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