

# Converting Colors

YUV(188.0960, -12.3723,  
1.6698)

Have a look what the booklet for  
YUV(188.0960, -12.3723, 1.6698)  
contains.

<b>YUV(188.0960, -12.3723, 1.6698)</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(188.0960, -12.3723,  
1.6698)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">BEC0A3</a>
RGB	<a href="#">190, 192, 163</a>
RGB Percent	<a href="#">75%, 75%, 64%</a>
CMY	<a href="#">0.2549, 0.2471, 0.3608</a>
<a href="#">CMYK</a>	<a href="#">0.01, 0.00, 0.15, 0.25</a>
HSL	<a href="#">64°, 19%, 70%</a>
HSV	<a href="#">64°, 15%, 75%</a>
XYZ	<a href="#">46.6957, 51.2908, 42.0893</a>
YIQ	<a href="#">188.0960, 8.1170, -9.4430</a>

# Conversions

## Conversions Part 2

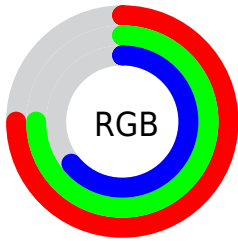
Format	Color
<a href="#">RYB</a>	<a href="#">163, 192, 165</a>
Decimal	<a href="#">12501155</a>
CIELab	<a href="#">76.85, -5.70, 14.40</a>
CIELCh	<a href="#">77, 15.491, 111.604</a>
Yxy	<a href="#">51.2908, 0.3334, 0.3662</a>
Android (android.graphics.Color)	<a href="#">4290691235</a> ( <a href="#">0xFFBEC0A3</a> )
YUV	<a href="#">188.0960, -12.3723, 1.6698</a>
Hunter-Lab	<a href="#">71.6176, -8.9462, 15.2878</a>

# Details

The YUV color **188.0960, -12.3723, 1.6698** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **166.9040, 12.3723, -1.6698**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9820, -12.8091, 1.7698**, and **134.9110, -11.7881, 0.9551** is the 20% darker color. If you saturate the color by 10%, you get **185.6310, -20.5241, 2.9546**, and if you desaturate by 10%, it is **190.5610, -4.2206, 0.3850**.

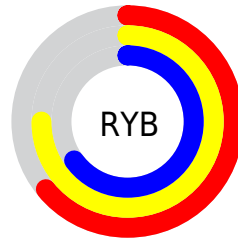
# Distribution



Red (75%)

Green (75%)

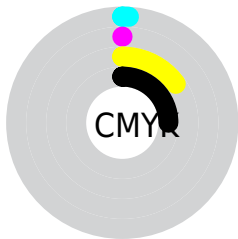
Blue (64%)



Red (64%)

Yellow (75%)

Blue (65%)

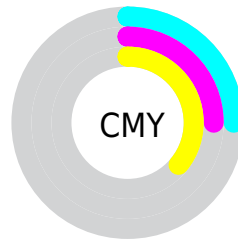


Cyan (1%)

Magenta (0%)

Yellow (15%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 188.0960, -12.3723, 1.6698 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 188.0960, -12.3723, 1.6698 by changing the saturation by 10% instead.



■ 188.0960,  
-12.3723, 1.6698

■ 188.0960,  
-12.3723, 1.6698

■ 255.0000, 0.0000,  
0.0000

■ 161.2100,  
-11.9355, 1.5698

■ 243.9820,  
-12.8091, 1.7698

■ 134.9110,  
-11.7881, 0.9551

■ 253.9740, -3.9312,  
0.8998

■ 109.4380,  
-11.0619, 1.3699

■ 85.1390, -10.9145,  
0.7551

■ 61.6660, -10.1883,  
1.1699

■ 39.8940, -9.3147,  
0.9700

■ 19.4810, -9.6041,

0.4552

0.0000, 0.0000,  
0.0000

188.0960,  
-12.3723, 1.6698

188.0960,  
-12.3723, 1.6698

185.6310,  
-20.5241, 2.9546

190.5610, -4.2206,  
0.3850

182.8670,  
-28.5284, 3.6246

193.3250, 3.7838,  
-0.2850

180.2880,  
-37.1170, 5.0094

195.9040, 12.3723,  
-1.6698

177.8230,  
-45.2687, 6.2942

198.3690, 20.5241,  
-2.9546

175.0590,  
-53.2731, 6.9643

200.6770, 26.7812,  
-3.2247

■ 172.5940,  
-61.4248, 8.2491

■ 200.9760, 26.6338,  
-2.6100

■ 170.1290,  
-69.5766, 9.5339

■ 201.2750, 26.4864,  
-1.9952

■ 167.2510,  
-78.0177, 10.3039

■ 201.8730, 26.1916,  
-0.7656

■ 166.2250,  
-81.9489, 11.2037

■ 202.1720, 26.0442,  
-0.1508

# Harmonies

## Analogous

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



189.5320, -13.5733, 13.5654



188.0960, -12.3723, 1.6698



186.6860, -7.2402, -11.1256

# Triad

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



188.0960, -12.3723, 1.6698



185.8640, 12.8850, -26.1907



192.3600, 0.8085, 20.7323

# Complementary

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



188.0960, -12.3723, 1.6698



166.9040, 12.3723, -1.6698

# 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.



192.4280, 7.6770, 11.0256



188.0960, -12.3723, 1.6698



188.0870, 14.7471, -16.7393

# Square

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



188.0960, -12.3723, 1.6698



184.7730, 7.5069, -27.8649



190.3060, 12.6671, -2.8994



191.9600, -5.8963, 24.5911



# Rectangle

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



188.0960, -12.3723, 1.6698



185.1950, -2.5611, -18.5880



190.3060, 12.6671, -2.8994



192.6200, 3.1453, 17.8733

# Sweetspot

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



188.0960, -12.3723, 1.6698



248.2190, -5.5310, 0.6849



172.8450, -4.8536, 16.7989



123.7890, -3.3470, 0.1850



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



188.0960, -12.3723, 1.6698



243.9730, -19.2137, 2.6547



183.9100, -10.3086, -6.9371



95.5610, -4.2206, 0.3850



139.3570, -68.7030, 9.3339



28.6400, -14.1195, 2.0697



# Inverse Universe

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



166.9040, 12.3723, -1.6698



211.0270, 19.2137, -2.6547



171.0900, 10.3086, 6.9371



88.4390, 4.2206, -0.3850



21.6430, 68.7030, -9.3339



4.3600, 14.1195, -2.0697



# Previews

## White Background



This preview shows how the YUV color 188.0960, -12.3723, 1.6698 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 188.0960, -12.3723, 1.6698 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

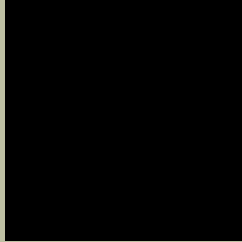
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

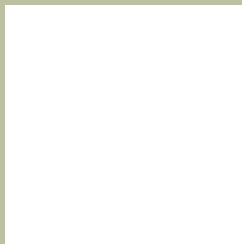
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 188.0960, -12.3723, 1.6698

## Background



This preview shows how black text looks on a background with the YUV color 188.0960, -12.3723, 1.6698.



This preview shows how white text looks on a background with the YUV color 188.0960, -12.3723, 1.6698.

1.6698.

# 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

188.0960, -12.3723, 1.6698

### Protanopia

188.9120, -13.2676, 8.8472

### Deuteranopia

191.1140, -12.8742, 22.7020



## Tritanopia

190.9880, 4.9359, 3.5185

# Trichromacy



## Original Color

188.0960, -12.3723, 1.6698

## Protanomaly

188.6020, -13.1148, 6.4880

## Deuteranomaly

189.7710, -12.7051, 15.1098

## Tritanomaly

189.9680, -1.4632, 2.6591

# Monochromacy



## Original Color

188.0960, -12.3723, 1.6698

## Achromatopsia

188.0000, 0.0000, 0.0000

## Achromatomaly

187.8600, -4.3680, 0.9998

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.0960, -12.3723, 1.6698 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(190, 192, 163)` looks like.

```
.text, #text, p{  
    color:rgb(190, 192, 163)  
}
```

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(190, 192, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 192, 163) }
```

## Border

The CSS property to change the border of an element to YUV 188.0960, -12.3723, 1.6698 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(190, 192, 163) }
```



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

```
.border{ border-color:rgb(190, 192, 163) }
```

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

Here you see how a box with a 4 pixel rgb(190, 192, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 192, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 192, 163);  
box-shadow:4px 4px 4px 4px rgb(190, 192,  
163) }
```

# Background

The CSS property to change the background color of an element to YUV 188.0960, -12.3723, 1.6698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 192, 163) }
```

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

```
.background{ background-color: rgb(190,  
192, 163) }
```

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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