

# Converting Colors

YUV(105.1880, -48.4067,  
79.6421)

Have a look what the booklet for  
YUV(105.1880, -48.4067, 79.6421)  
contains.

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# Color

**YUV(105.1880, -48.4067,  
79.6421)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C44E07
RGB	196, 78, 7
RGB Percent	77%, 31%, 3%
CMY	0.2314, 0.6941, 0.9725
CMYK	0.00, 0.60, 0.96, 0.23
HSL	23°, 93%, 40%
HSV	23°, 96%, 77%
XYZ	25.5277, 17.1999, 2.1755
YIQ	105.1880, 93.1190, 2.9350

# Conversions

## Conversions Part 2

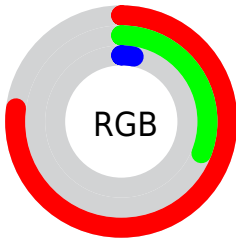
Format	Color
<a href="#">RYB</a>	<a href="#">196, 121, 7</a>
Decimal	<a href="#">12865031</a>
CIELab	<a href="#">48.51, 44.53, 56.96</a>
CIElCh	<a href="#">49, 72.299, 51.978</a>
Yxy	<a href="#">17.1999, 0.5685, 0.3830</a>
Android (android.graphics.Color)	<a href="#">4291055111</a> ( <a href="#">0xFFC44E07</a> )
YUV	<a href="#">105.1880, -48.4067, 79.6421</a>
Hunter-Lab	<a href="#">41.4727, 37.2947, 25.9208</a>

# Details

The YUV color **105.1880, -48.4067, 79.6421** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **97.8120, 48.4067, -79.6421**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.4380, -47.5439, 82.9309**, and **53.5670, -26.4085, 70.5397** is the 20% darker color. If you saturate the color by 10%, you get **102.0420, -50.3067, 82.4012**, and if you desaturate by 10%, it is **114.5120, -43.1434, 71.4650**.

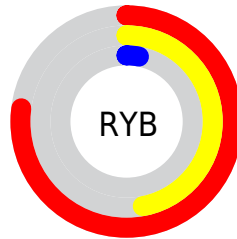
# Distribution



Red (77%)

Green (31%)

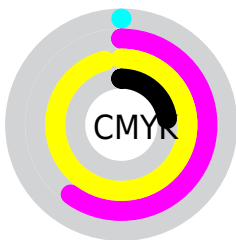
Blue (3%)



Red (77%)

Yellow (47%)

Blue (3%)

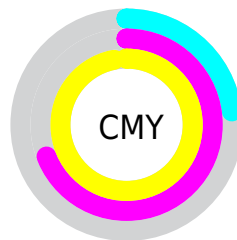


Cyan (0%)

Magenta (60%)

Yellow (96%)

Black (23%)



Cyan (23%)

Magenta (69%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 105.1880, -48.4067, 79.6421 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 105.1880, -48.4067, 79.6421 by changing the saturation by 10% instead.



■ 105.1880,  
-48.4067, 79.6421

■ 105.1880,  
-48.4067, 79.6421

254.8860, -0.4368,  
0.1000

■ 79.8590, -39.3705,  
74.6687

■ 160.4380,  
-47.5439, 82.9309

■ 53.5670, -26.4085,  
70.5397

■ 179.1370,  
-44.4375, 66.5319

■ 31.0960, -15.3303,  
63.9368

■ 198.5370,  
-41.1837, 49.5181

■ 22.1260, -10.9081,  
45.4935

■ 218.0510,  
-37.4931, 32.4043


■ 14.8790, -6.3493,  
29.9241


■ 238.1520,  
-34.0919, 14.7757


■ 0.0000, 0.0000,  
0.0000


■ 248.3880,


-25.3343, 5.7987


 251.5800,  
-13.1039, 2.9993


 105.1880,  
-48.4067, 79.6421

 105.1880,  
-48.4067, 79.6421


 102.0420,  
-50.3067, 82.4012

 114.5120,  
-43.1434, 71.4650

 123.7220,  
-38.3169, 63.3878

 133.6330,  
-33.3431, 54.6959

 142.8430,  
-28.5166, 46.6187

 152.1670,  
-23.2533, 38.4415

■ 161.4910,  
-17.9901, 30.2644

■ 171.2880,  
-13.4530, 21.6724

■ 180.6120, -8.1897,  
13.4953

■ 189.8220, -3.3632,  
5.4181

# Harmonies

## Analogous

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



98.5710, -12.1135, 105.6162



105.1880, -48.4067, 79.6421



108.8550, -53.6655, 39.5922

# Triad

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



105.1880, -48.4067, 79.6421



93.1240, 1.4179, -81.6697



107.5780, 60.3540, -38.2179

# Complementary

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



105.1880, -48.4067, 79.6421



97.8120, 48.4067, -79.6421

# 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.



102.2680, 66.9159, -89.6890



105.1880, -48.4067, 79.6421



101.0070, 29.0835, -88.5831

# Square

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



105.1880, -48.4067, 79.6421



83.1380, -26.6900, -72.9120



105.0600, 52.2284, -92.1376



115.8680, 37.5331, 48.3508



# Rectangle

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



105.1880, -48.4067, 79.6421



105.7220, -52.1209, 10.7678



105.0600, 52.2284, -92.1376



94.4090, 69.8044, -82.7967

# Sweetspot

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



105.1880, -48.4067, 79.6421



219.5620, -19.0111, 31.0791



77.1910, 24.5558, 104.1955



106.4340, -11.5530, 18.9134



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.



105.1880, -48.4067, 79.6421



132.5970, -65.3703, 107.3474



159.7790, -75.3200, 31.7658



92.3380, -2.6316, 4.0886



83.3590, -41.0960, 68.0912



16.9110, -8.3371, 14.1101



# Inverse Universe

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



97.8120, 48.4067, -79.6421



122.4030, 65.3703, -107.3474



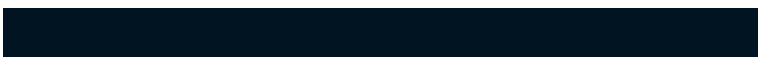
43.2210, 75.3200, -31.7658



91.6620, 2.6316, -4.0886



77.0540, 41.3854, -67.5764



16.0890, 8.3371, -14.1101



# Previews

## White Background



This preview shows how the YUV color 105.1880, -48.4067, 79.6421 looks on a white 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 × Fail



# Black Background



This preview shows how the YUV color 105.1880, -48.4067, 79.6421 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 105.1880, -48.4067, 79.6421

## Background



This preview shows how black text looks on a background with the YUV color 105.1880, -48.4067, 79.6421.



This preview shows how white text looks on a background with the YUV color 105.1880, -48.4067,



# 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

105.1880, -48.4067, 79.6421

### Protanopia

109.6550, -43.7069, 18.7196

### Deuteranopia

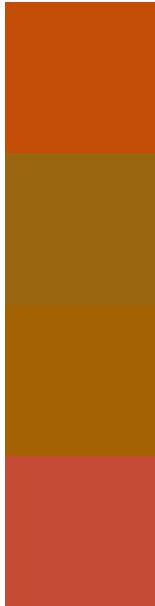
108.2240, -53.3544, 33.1296



## Tritanopia

110.8310, -16.6787, 76.4472

# Trichromacy



## Original Color

105.1880, -48.4067, 79.6421

## Protanomaly

108.0430, -45.3772, 41.1813

## Deuteranomaly

106.9040, -51.2247, 50.0732

## Tritanomaly

108.8560, -28.0300, 77.3023

# Monochromacy



## Original Color

105.1880, -48.4067, 79.6421

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

104.8930, -17.6952, 29.0348

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 105.1880, -48.4067, 79.6421 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(196, 78, 7)` looks like.

```
.text, #text, p{  
    color:rgb(196, 78, 7)  
}
```

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(196, 78, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 78, 7) }
```

## Border

The CSS property to change the border of an element to YUV 105.1880, -48.4067, 79.6421 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(196, 78, 7) }
```



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

```
.border{ border-color:rgb(196, 78, 7) }
```

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

Here you see how a box with a 4 pixel rgb(196, 78, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 78, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 78, 7);  
box-shadow:4px 4px 4px 4px rgb(196, 78, 7)  
}
```

# Background

The CSS property to change the background color of an element to YUV 105.1880, -48.4067, 79.6421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 78, 7) }
```

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

```
.background{ background-color: rgb(196, 78,  
7) }
```

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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