

# Converting Colors

YUV(180.5150, -88.5009,  
12.7033)

Have a look what the booklet for  
YUV(180.5150, -88.5009, 12.7033)  
contains.

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# Color

**YUV(180.5150, -88.5009,  
12.7033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3D001
RGB	195, 208, 1
RGB Percent	76%, 82%, 0%
CMY	0.2353, 0.1843, 0.9961
CMYK	0.06, 0.00, 1.00, 0.18
HSL	64°, 99%, 41%
HSV	64°, 100%, 82%
XYZ	45.0670, 56.7160, 8.6007
YIQ	180.5150, 58.6990, -67.1330

# Conversions

## Conversions Part 2

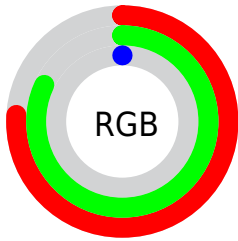
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 208, 14
Decimal	12832769
CIELab	80.02, -23.99, 79.74
CIELCh	80, 83.267, 106.742
Yxy	56.7160, 0.4083, 0.5138
Android (android.graphics.Color)	4291022849 (0xFFC3D001)
YUV	180.5150, -88.5009, 12.7033
Hunter-Lab	75.3101, -24.9747, 45.9459

# Details

The YUV color **180.5150, -88.5009, 12.7033** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **28.4850, 88.5009, -12.7033**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.7340, -73.8189, 16.8963**, and **131.3610, -64.7610, 4.9454** is the 20% darker color. If you saturate the color by 10%, you get **180.4010, -88.9377, 12.8033**, and if you desaturate by 10%, it is **183.2080, -79.4755, 11.2186**.

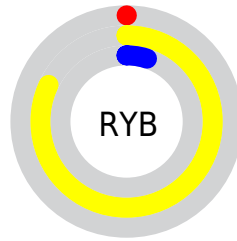
# Distribution



Red (76%)

Green (82%)

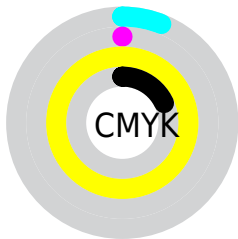
Blue (0%)



Red (0%)

Yellow (82%)

Blue (5%)

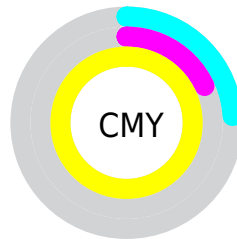


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (24%)

Magenta (18%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 180.5150, -88.5009, 12.7033 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 180.5150, -88.5009, 12.7033 by changing the saturation by 10% instead.



■ 180.5150,  
-88.5009, 12.7033

■ 180.5150,  
-88.5009, 12.7033

■ 255.0000, 0.0000,  
0.0000

■ 155.8810,  
-76.8493, 8.8744

■ 235.7340,  
-73.8189, 16.8963

■ 131.3610,  
-64.7610, 4.9454

■ 239.0400,  
-61.1517, 13.9969

■ 107.4280,  
-52.9620, 0.5016

■ 242.3460,  
-48.4846, 11.0976

■ 84.3810, -41.5998,  
-3.8421

■ 245.6520,  
-35.8174, 8.1982

■ 61.9210, -30.5271,  
-8.7007

■ 249.0720,  
-22.7135, 5.1989

■ 40.3470, -19.8911,  
-13.4593

■ 252.3780,

■ 20.5450, -10.1287,

-10.0464, 2.2995

-18.0180

■ 0.0000, 0.0000,  
0.0000

■ 180.5150,  
-88.5009, 12.7033

■ 180.5150,  
-88.5009, 12.7033

■ 180.4010,  
-88.9377, 12.8033

■ 183.2080,  
-79.4755, 11.2186

■ 186.2000,  
-70.5976, 10.3486

■ 188.7790,  
-62.0090, 8.9638

■ 191.4720,  
-52.9837, 7.4791

■ 194.4640,  
-44.1058, 6.6091

■ 197.1570,  
-35.0804, 5.1243

■ 199.8500,  
-26.0550, 3.6396

■ 202.4290,  
-17.4665, 2.2548

■ 205.4210, -8.5886,  
1.3848

# Harmonies

## Analogous

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



185.0170, -82.8324, 61.3751



180.5150, -88.5009, 12.7033



170.8500, -43.3100, -62.1354

# Triad

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



180.5150, -88.5009, 12.7033



164.0800, 44.8236, -143.8982



176.5240, 29.3217, 68.8235

# Complementary

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



180.5150, -88.5009, 12.7033



28.4850, 88.5009, -12.7033

# 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.



197.4740, 28.3603, 50.4503



180.5150, -88.5009, 12.7033



156.4490, 48.5856, -137.2058

# Square

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



180.5150, -88.5009, 12.7033



165.4190, 37.2614, -145.0725



178.2520, 37.8368, -49.3330



165.8710, -3.8804, 78.1661



# Rectangle

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



180.5150, -88.5009, 12.7033



150.2860, -8.0290, -131.8008



178.2520, 37.8368, -49.3330



183.9730, 35.0163, 62.2907

# Sweetspot

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



180.5150, -88.5009, 12.7033



244.8410, -32.4596, 4.5244



68.7630, -33.4072, 122.1108



121.8590, -19.6505, 2.7547



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.



180.5150, -88.5009, 12.7033



221.1460, -109.0250, 15.6580



150.3160, -73.6128, -49.3891



103.4470, -4.6574, 0.4850



145.8580, -71.9080, 10.6485



35.4290, -17.4665, 2.2548



# Inverse Universe

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



28.4850, 88.5009, -12.7033



33.8540, 109.0250, -15.6580



58.6840, 73.6128, 49.3891



95.5530, 4.6574, -0.4850



22.4410, 71.7606, -10.0338



5.5710, 17.4665, -2.2548



# Previews

## White Background



This preview shows how the YUV color 180.5150, -88.5009, 12.7033 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 180.5150, -88.5009, 12.7033 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 180.5150, -88.5009, 12.7033

## Background



This preview shows how black text looks on a background with the YUV color 180.5150, -88.5009, 12.7033.



This preview shows how white text looks on a background with the YUV color 180.5150, -88.5009, 12.7033.



# 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

180.5150, -88.5009, 12.7033

### Protanopia

183.7890, -90.6080, 35.2650

### Deuteranopia

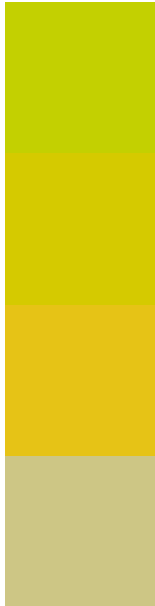
188.9820, -76.4061, 53.5128



## **Tritanopia**

199.9070, 4.4828, 8.8516

# Trichromacy



## Original Color

180.5150, -88.5009, 12.7033

## Protanomaly

182.2610, -89.8547, 26.9581

## Deuteranomaly

185.7430, -80.7253, 38.8134

## Tritanomaly

192.6830, -29.4237, 10.8020

# Monochromacy



## Original Color

180.5150, -88.5009, 12.7033

## Achromatopsia

181.0000, 0.0000, 0.0000

## Achromatomaly

180.9550, -32.0228, 4.4245

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 180.5150, -88.5009, 12.7033 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(195, 208, 1)` looks like.

```
.text, #text, p{  
    color:rgb(195, 208, 1)  
}
```

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(195, 208, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 208, 1) }
```

## Border

The CSS property to change the border of an element to YUV 180.5150, -88.5009, 12.7033 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(195, 208, 1) }
```



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

```
.border{ border-color:rgb(195, 208, 1) }
```

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

Here you see how a box with a 4 pixel rgb(195, 208, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 208, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 208, 1);  
box-shadow:4px 4px 4px 4px rgb(195, 208,  
1) }
```

# Background

The CSS property to change the background color of an element to YUV 180.5150, -88.5009, 12.7033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 208, 1) }
```

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

```
.background{ background-color: rgb(195,  
208, 1) }
```

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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