

Converting Colors

YUV(180.7550, -89.1122,
22.1399)

Have a look what the booklet for
YUV(180.7550, -89.1122, 22.1399)
contains.

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Color

**YUV(180.7550, -89.1122,
22.1399)**

Conversions

Conversions Part 1

Format	Color
Hex	CECB00
RGB	206, 203, 0
RGB Percent	81%, 80%, 0%
CMY	0.1922, 0.2039, 1.0000
CMYK	0.00, 0.01, 1.00, 0.19
HSL	59°, 100%, 40%
HSV	59°, 100%, 81%
XYZ	46.8095, 55.8337, 8.3099
YIQ	180.7550, 66.9510, -62.4970

Conversions

Conversions Part 2

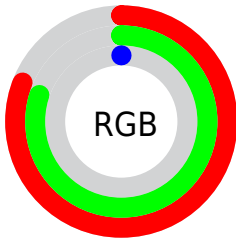
Format	Color
R_{YB}	3, 206, 0
Decimal	13552384
CIE _{Lab}	79.52, -16.87, 79.85
CIE _{LCh}	80, 81.615, 101.927
Yxy	55.8337, 0.4219, 0.5032
Android (android.graphics.Color)	4291742464 (0xFFCECB00)
YUV	180.7550, -89.1122, 22.1399
Hunter-Lab	74.7219, -18.9421, 45.7117

Details

The YUV color **180.7550, -89.1122, 22.1399** 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 **25.2450, 89.1122, -22.1399**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6200, -74.2557, 16.9963**, and **131.4160, -64.7881, 13.6672** is the 20% darker color. If you saturate the color by 10%, you get **180.7550, -89.1122, 22.1399**, and if you desaturate by 10%, it is **183.1490, -79.9395, 20.0403**.

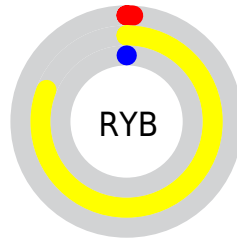
Distribution



Red (81%)

Green (80%)

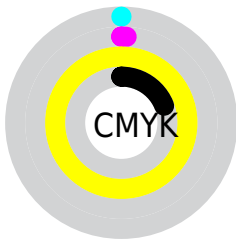
Blue (0%)



Red (1%)

Yellow (81%)

Blue (0%)

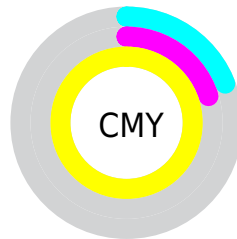


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7550, -89.1122, 22.1399 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 180.7550, -89.1122, 22.1399 by changing the saturation by 10% instead.

180.7550,
-89.1122, 22.1399

180.7550,
-89.1122, 22.1399

255.0000, 0.0000,
0.0000

155.9360,
-76.8764, 17.5961

235.6200,
-74.2557, 16.9963

131.4160,
-64.7881, 13.6672

238.9260,
-61.5885, 14.0969

108.0700,
-53.2785, 8.7086

242.2320,
-48.9214, 11.1975

85.0230, -41.9163,
4.3648

245.5380,
-36.2542, 8.2982

62.8620, -30.9910,
0.1210

248.8440,
-23.5871, 5.3988

42.1740, -20.7918,
-4.5376

252.2640,

21.4750, -10.5872,

-10.4832, 2.3995

-10.9406

■ 0.0000, 0.0000,
0.0000

■ 180.7550,
-89.1122, 22.1399

■ 183.1490,
-79.9395, 20.0403

■ 186.0160,
-71.4929, 17.5260

■ 188.4100,
-62.3201, 15.4264

■ 190.6900,
-53.5842, 13.4269

■ 193.0840,
-44.4114, 11.3273

■ 196.0650,
-35.5280, 8.7130

■ 198.3450,
-26.7921, 6.7134

■ 200.7390,
-17.6193, 4.6139

■ 203.6060, -9.1728,
2.0995

Harmonies

Analogous

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



183.5470, -73.2337, 62.6643



180.7550, -89.1122, 22.1399



173.3420, -49.4686, -46.7809

Triad

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



180.7550, -89.1122, 22.1399



164.0800, 44.8236, -143.8982



180.5990, 32.2427, 65.2497

Complementary

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



180.7550, -89.1122, 22.1399



25.2450, 89.1122, -22.1399

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.



196.2120, 28.9825, 37.5251



180.7550, -89.1122, 22.1399



157.0360, 48.2963, -137.7206

Square

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



180.7550, -89.1122, 22.1399



162.5350, 31.2882, -142.5432



169.2380, 42.2807, -74.7537



166.6520, 1.6506, 77.4812

Rectangle

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



180.7550, -89.1122, 22.1399



147.0430, -12.8392, -128.9567



169.2380, 42.2807, -74.7537



187.4950, 33.2800, 59.2019

Sweetspot

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



180.7550, -89.1122, 22.1399



245.7490, -32.9073, 8.1131



61.9360, -29.0554, 126.3441



122.1690, -19.8033, 5.1138



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.



180.7550, -89.1122, 22.1399



223.5820, -110.2259, 27.5536



152.6160, -75.2397, -40.8822



100.8600, -4.3680, 0.9998



145.3150, -71.6403, 18.1407



33.6680, -16.5983, 3.7992

Inverse Universe

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



25.2450, 89.1122, -22.1399



31.4180, 110.2259, -27.5536



53.3840, 75.2397, 40.8822



93.1400, 4.3680, -0.9998



20.0980, 71.9297, -17.6259



4.9190, 16.3089, -4.3140

Previews

White Background



This preview shows how the YUV color 180.7550, -89.1122, 22.1399 looks on a white background.

Color Contrast Check

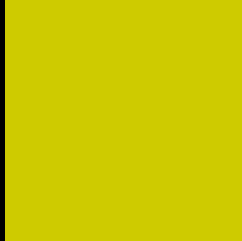
Large Text (above 18pt) WCAG AA × Fail

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 180.7550, -89.1122, 22.1399 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 180.7550, -89.1122, 22.1399

Background



This preview shows how black text looks on a background with the YUV color 180.7550, -89.1122, 22.1399.



This preview shows how white text looks on a background with the YUV color 180.7550, -89.1122, 22.1399.

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

180.7550, -89.1122, 22.1399

Protanopia

182.0170, -89.7344, 35.0651

Deuteranopia

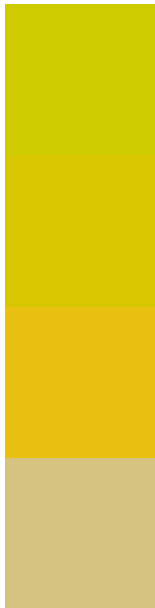
187.6400, -77.7165, 53.8127



Tritanopia

199.5660, 1.6930, 17.0436

Trichromacy



Original Color

180.7550, -89.1122, 22.1399

Protanomaly

181.3970, -89.4287, 30.3468

Deuteranomaly

185.1240, -81.8991, 41.9873

Tritanomaly

192.5700, -31.3400, 18.7941

Monochromacy



Original Color

180.7550, -89.1122, 22.1399

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.8630, -32.4705, 8.0131

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7550, -89.1122, 22.1399 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(206, 203, 0)` looks like.

```
.text, #text, p{  
    color:rgb(206, 203, 0)  
}
```

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(206, 203, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 203, 0) }
```

Border

The CSS property to change the border of an element to YUV 180.7550, -89.1122, 22.1399 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(206, 203, 0) }
```


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

```
.border{ border-color:rgb(206, 203, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 203, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 203, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 203, 0);  
box-shadow:4px 4px 4px 4px rgb(206, 203,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 180.7550, -89.1122, 22.1399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 203, 0) }
```

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

```
.background{ background-color: rgb(206,  
203, 0) }
```

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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