

Converting Colors

YUV(180.1790, -88.8282,
24.3990)

Have a look what the booklet for
YUV(180.1790, -88.8282, 24.3990)
contains.

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Color

**YUV(180.1790, -88.8282,
24.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C900
RGB	208, 201, 0
RGB Percent	82%, 79%, 0%
CMY	0.1843, 0.2118, 1.0000
CMYK	0.00, 0.03, 1.00, 0.18
HSL	58°, 100%, 41%
HSV	58°, 100%, 82%
XYZ	46.8991, 55.1832, 8.1796
YIQ	180.1790, 68.6930, -61.0270

Conversions

Conversions Part 2

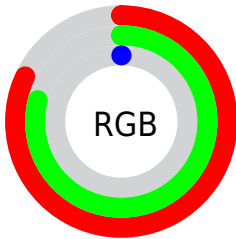
Format	Color
R_{YB}	7, 208, 0
Decimal	13682944
CIE _{Lab}	79.15, -15.01, 79.66
CIE _{LCh}	79, 81.059, 100.672
Yxy	55.1832, 0.4253, 0.5005
Android (android.graphics.Color)	4291873024 (0xFFD0C900)
YUV	180.1790, -88.8282, 24.3990
Hunter-Lab	74.2854, -17.3059, 45.4713

Details

The YUV color **180.1790, -88.8282, 24.3990** 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 **27.8210, 88.8282, -24.3990**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5060, -74.6925, 17.0962**, and **130.8400, -64.5041, 15.9263** is the 20% darker color. If you saturate the color by 10%, you get **180.1790, -88.8282, 24.3990**, and if you desaturate by 10%, it is **183.1600, -79.9449, 21.7847**.

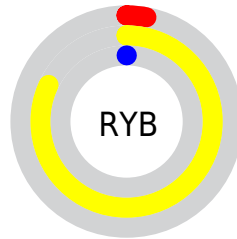
Distribution



Red (82%)

Green (79%)

Blue (0%)



Red (3%)

Yellow (82%)

Blue (0%)

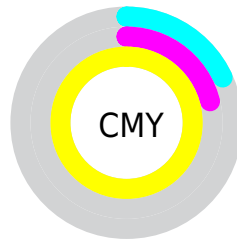


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (21%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.1790, -88.8282, 24.3990 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 180.1790, -88.8282, 24.3990 by changing the saturation by 10% instead.

■ 180.1790,
-88.8282, 24.3990

■ 180.1790,
-88.8282, 24.3990

■ 255.0000, 0.0000,
0.0000

■ 155.3600,
-76.5925, 19.8553

■ 235.5060,
-74.6925, 17.0962

■ 130.8400,
-64.5041, 15.9263

■ 238.9260,
-61.5885, 14.0969

■ 107.4940,
-52.9945, 10.9678

■ 242.2320,
-48.9214, 11.1975

■ 84.4470, -41.6324,
6.6240

■ 245.5380,
-36.2542, 8.2982

■ 62.8730, -30.9964,
1.8654

■ 248.8440,
-23.5871, 5.3988

■ 41.5980, -20.5078,
-2.2784

■ 252.2640,

■ 21.1980, -10.4506,

-10.4832, 2.3995

-8.0666

■ 0.0000, 0.0000,
0.0000

■ 180.1790,
-88.8282, 24.3990

■ 183.1600,
-79.9449, 21.7847

■ 185.5540,
-70.7721, 19.6851

■ 188.4210,
-62.3256, 17.1708

■ 191.4020,
-53.4422, 14.5564

■ 194.3830,
-44.5588, 11.9421

■ 196.7770,
-35.3861, 9.8426

■ 199.7580,
-26.5027, 7.2282

■ 202.6250,
-18.0561, 4.7139

■ 205.0190, -8.8834,
2.6143

Harmonies

Analogous

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



182.7150, -71.3445, 63.3939



180.1790, -88.8282, 24.3990



173.6090, -51.0792, -43.5071

Triad

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



180.1790, -88.8282, 24.3990



163.4930, 45.1130, -143.3834



181.4140, 32.8269, 64.5349

Complementary

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



180.1790, -88.8282, 24.3990



27.8210, 88.8282, -24.3990

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.



195.0050, 29.5775, 33.3216



180.1790, -88.8282, 24.3990



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.



180.1790, -88.8282, 24.3990



160.9050, 30.1198, -141.1137



165.3510, 44.1970, -82.7458



166.2930, 2.8136, 77.7960

Rectangle

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



180.1790, -88.8282, 24.3990



146.1140, -13.8602, -128.1420



165.3510, 44.1970, -82.7458



187.4950, 33.2800, 59.2019

Sweetspot

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



180.1790, -88.8282, 24.3990



244.5750, -32.3285, 9.1427



63.3320, -26.2927, 126.8738



121.5820, -19.5139, 5.6286



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.



180.1790, -88.8282, 24.3990



220.6470, -108.7790, 30.1276



156.1820, -76.9977, -36.9936



103.1590, -4.5154, 1.6146



145.9130, -71.9351, 19.3703



35.1520, -17.3299, 5.1287

Inverse Universe

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



27.8210, 88.8282, -24.3990



34.3530, 108.7790, -30.1276



51.8180, 76.9977, 36.9936



95.2540, 4.8048, -1.0998



22.6740, 71.6457, -19.8851



5.2610, 17.6193, -4.6139

Previews

White Background



This preview shows how the YUV color 180.1790, -88.8282, 24.3990 looks on a white background.

Color Contrast Check

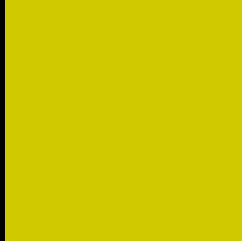
Large Text (above 18pt) WCAG AA × Fail

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 180.1790, -88.8282, 24.3990 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 180.1790, -88.8282, 24.3990

Background



This preview shows how black text looks on a background with the YUV color 180.1790, -88.8282, 24.3990.

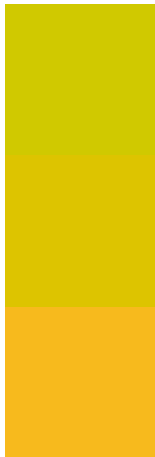


This preview shows how white text looks on a background with the YUV color 180.1790, -88.8282, 24.3990.

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

180.1790, -88.8282, 24.3990

Protanopia

181.1310, -89.2976, 34.9651

Deuteranopia

186.3410, -77.5691, 53.1979



Tritanopia

198.7620, 1.1033, 19.5027

Trichromacy



Original Color

180.1790, -88.8282, 24.3990

Protanomaly

180.8100, -89.1393, 30.8616

Deuteranomaly

183.8360, -81.7571, 43.1168

Tritanomaly

191.8800, -31.4928, 21.1532

Monochromacy



Original Color

180.1790, -88.8282, 24.3990

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.2760, -32.1811, 8.5279

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.1790, -88.8282, 24.3990 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(208, 201, 0)` looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 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(208, 201, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 0) }
```

Border

The CSS property to change the border of an element to YUV 180.1790, -88.8282, 24.3990 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(208, 201, 0) }
```


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

```
.border{ border-color:rgb(208, 201, 0) }
```

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

Here you see how a box with a 4 pixel rgb(208, 201, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 0);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 180.1790, -88.8282, 24.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 0) }
```

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

```
.background{ background-color: rgb(208,  
201, 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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