

Converting Colors

YUV(175.4500, -86.4968,
23.2844)

Have a look what the booklet for
YUV(175.4500, -86.4968, 23.2844)
contains.

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Color

**YUV(175.4500, -86.4968,
23.2844)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC400
RGB	202, 196, 0
RGB Percent	79%, 77%, 0%
CMY	0.2078, 0.2314, 1.0000
CMYK	0.00, 0.03, 1.00, 0.21
HSL	58°, 100%, 40%
HSV	58°, 100%, 79%
XYZ	44.0970, 52.0364, 7.7199
YIQ	175.4500, 66.4920, -59.6840

Conversions

Conversions Part 2

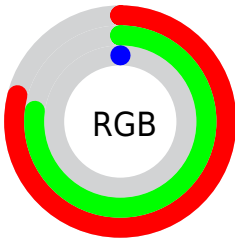
Format	Color
R _Y B	6, 202, 0
Decimal	13288448
CIE Lab	77.30, -15.09, 78.09
CIE LCh	77, 79.534, 100.939
Yxy	52.0364, 0.4246, 0.5011
Android (android.graphics.Color)	4291478528 (0xFFCAC400)
YUV	175.4500, -86.4968, 23.2844
Hunter-Lab	72.1363, -17.1211, 44.1503

Details

The YUV color **175.4500, -86.4968, 23.2844** 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 **26.5500, 86.4968, -23.2843**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.6310, -74.2611, 18.7406**, and **126.6980, -62.4621, 14.2969** is the 20% darker color. If you saturate the color by 10%, you get **175.4500, -86.4968, 23.2844**, and if you desaturate by 10%, it is **178.3170, -78.0503, 20.7700**.

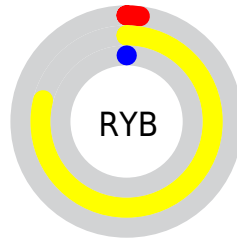
Distribution



Red (79%)

Green (77%)

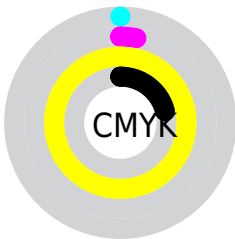
Blue (0%)



Red (2%)

Yellow (79%)

Blue (0%)

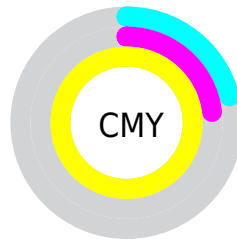


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.4500, -86.4968, 23.2844 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 175.4500, -86.4968, 23.2844 by changing the saturation by 10% instead.

■ 175.4500,
-86.4968, 23.2844

■ 175.4500,
-86.4968, 23.2844

■ 255.0000, 0.0000,
0.0000

■ 150.6310,
-74.2611, 18.7406

■ 233.6310,
-74.2611, 18.7406

■ 126.6980,
-62.4621, 14.2969

■ 238.6980,
-62.4621, 14.2969

■ 103.0640,
-50.8106, 10.4679

■ 242.0040,
-49.7950, 11.3975

■ 80.6040, -39.7378,
5.6093

■ 245.3100,
-37.1278, 8.4981

■ 58.7310, -28.9544,
0.2359

■ 248.6160,
-24.4607, 5.5988

■ 37.7550, -18.6132,
-3.2931

■ 252.0360,

■ 17.0340, -8.3978,

-11.3567, 2.5994

-13.1848

■ 0.0000, 0.0000,
0.0000

■ 175.4500,
-86.4968, 23.2844

■ 178.3170,
-78.0503, 20.7700

■ 180.5970,
-69.3143, 18.7704

■ 183.5780,
-60.4310, 16.1561

■ 185.8580,
-51.6950, 14.1565

■ 188.7250,
-43.2484, 11.6422

■ 191.5920,
-34.8019, 9.1278

■ 193.8720,
-26.0659, 7.1283

■ 196.8530,
-17.1825, 4.5139

■ 199.1330, -8.4466,
2.5144

Harmonies

Analogous

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



180.1390, -71.0605, 65.6531



175.4500, -86.4968, 23.2844



168.7770, -49.1901, -42.7774

Triad

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



175.4500, -86.4968, 23.2844



159.9710, 46.8493, -140.2946



178.2680, 30.9269, 67.2940

Complementary

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



175.4500, -86.4968, 23.2844



26.5500, 86.4968, -23.2843

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.



190.5750, 31.7615, 32.8217



175.4500, -86.4968, 23.2844



153.5140, 50.0326, -134.6318

Square

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



175.4500, -86.4968, 23.2844



156.8130, 29.6722, -137.5250



162.7150, 45.4965, -79.5571



163.9620, 1.4977, 79.8403

Rectangle

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



175.4500, -86.4968, 23.2844



142.2500, -13.4343, -124.7532



162.7150, 45.4965, -79.5571



185.1470, 34.4375, 61.2611

Sweetspot

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



175.4500, -86.4968, 23.2844



245.1620, -32.6179, 8.6279



61.1960, -26.7186, 123.4851



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.



175.4500, -86.4968, 23.2844



221.2340, -109.0684, 29.6128



150.8660, -74.3769, -37.5935



100.8600, -4.3680, 0.9998



144.1410, -71.0615, 19.1703



33.0810, -16.3089, 4.3140

Inverse Universe

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



26.5500, 86.4968, -23.2843



33.7660, 109.0684, -29.6128



51.1340, 74.3769, 37.5935



93.1400, 4.3680, -0.9998



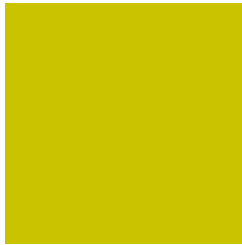
21.8590, 71.0615, -19.1703



4.9190, 16.3089, -4.3140

Previews

White Background



This preview shows how the YUV color 175.4500, -86.4968, 23.2844 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 175.4500, -86.4968, 23.2844 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 175.4500, -86.4968, 23.2844 Background



This preview shows how black text looks on a background with the YUV color 175.4500, -86.4968, 23.2844.



This preview shows how white text looks on a background with the YUV color 175.4500, -86.4968, 23.2844.

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

175.4500, -86.4968, 23.2844

Protanopia

176.4020, -86.9662, 33.8504

Deuteranopia

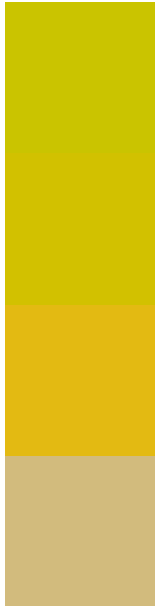
181.6120, -75.2377, 52.0833



Tritanopia

193.4630, 1.2507, 18.8879

Trichromacy



Original Color

175.4500, -86.4968, 23.2844

Protanomaly

176.0810, -86.8079, 29.7470

Deuteranomaly

179.1070, -79.4258, 42.0022

Tritanomaly

186.8090, -30.4718, 20.3385

Monochromacy



Original Color

175.4500, -86.4968, 23.2844

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.3900, -31.7443, 8.4280

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.4500, -86.4968, 23.2844 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(202, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(202, 196, 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(202, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 196, 0) }
```

Border

The CSS property to change the border of an element to YUV 175.4500, -86.4968, 23.2844 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(202, 196, 0) }
```


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

```
.border{ border-color:rgb(202, 196, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 196, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(202, 196,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 175.4500, -86.4968, 23.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 196, 0) }
```

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

```
.background{ background-color: rgb(202,  
196, 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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