

Converting Colors

YUV(188.5440, -89.0082,
35.4799)

Have a look what the booklet for
YUV(188.5440, -89.0082, 35.4799)
contains.

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Color

**YUV(188.5440, -89.0082,
35.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CB08
RGB	229, 203, 8
RGB Percent	90%, 80%, 3%
CMY	0.1020, 0.2039, 0.9686
CMYK	0.00, 0.11, 0.97, 0.10
HSL	53°, 93%, 46%
HSV	53°, 97%, 90%
XYZ	53.7129, 59.3874, 8.8617
YIQ	188.5440, 78.0910, -55.1330

Conversions

Conversions Part 2

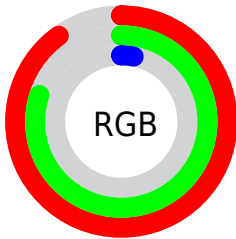
Format	Color
R _Y B	37, 229, 8
Decimal	15059720
CIE Lab	81.50, -6.90, 81.44
CIE LCh	82, 81.729, 94.840
Yxy	59.3874, 0.4404, 0.4869
Android (android.graphics.Color)	4293249800 (0xFFE5CB08)
YUV	188.5440, -89.0082, 35.4799
Hunter-Lab	77.0632, -10.4466, 47.1264

Details

The YUV color **188.5440, -89.0082, 35.4799** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **48.4560, 89.0082, -35.4799**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9620, -72.9453, 16.6963**, and **137.9940, -68.0310, 27.1923** is the 20% darker color. If you saturate the color by 10%, you get **187.0450, -92.2132, 36.7945**, and if you desaturate by 10%, it is **192.9270, -79.8300, 31.6360**.

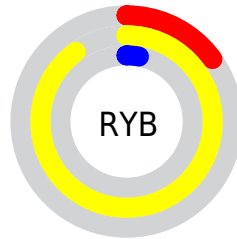
Distribution



Red (90%)

Green (80%)

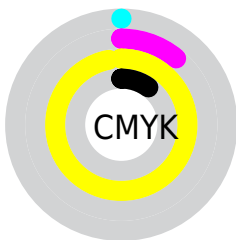
Blue (3%)



Red (15%)

Yellow (90%)

Blue (3%)

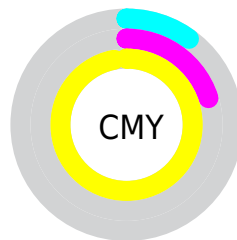


Cyan (0%)

Magenta (11%)

Yellow (97%)

Black (10%)



Cyan (10%)

Magenta (20%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.5440, -89.0082, 35.4799 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 188.5440, -89.0082, 35.4799 by changing the saturation by 10% instead.

■ 188.5440,
-89.0082, 35.4799

■ 188.5440,
-89.0082, 35.4799

■ 255.0000, 0.0000,
0.0000

■ 162.8130,
-80.2668, 31.7360

■ 235.9620,
-72.9453, 16.6963

■ 137.9940,
-68.0310, 27.1923

■ 239.2680,
-60.2781, 13.7970

■ 114.3490,
-56.3741, 21.6189

■ 242.5740,
-47.6110, 10.8976

■ 91.3020, -45.0119,
17.2751

■ 245.8800,
-34.9438, 7.9982

■ 69.1300, -34.0811,
11.2870

■ 249.1860,
-22.2767, 5.0989

■ 47.8550, -23.5925,
7.1432

■ 252.6060, -9.1728,

■ 28.0530, -13.8301,

2.0995

2.5845

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 188.5440,
-89.0082, 35.4799

■ 188.5440,
-89.0082, 35.4799

■ 187.0450,
-92.2132, 36.7945

■ 192.9270,
-79.8300, 31.6360

■ 196.7230,
-70.3624, 28.3069

■ 201.1060,
-61.1843, 24.4630

■ 205.4890,
-52.0061, 20.6191

■ 209.1710,
-42.9753, 17.3900

■ 213.5540,
-33.7971, 13.5461

■ 217.9370,
-24.6189, 9.7023

■ 222.3200,
-15.4408, 5.8584

■ 226.1160, -5.9732,
2.5293

Harmonies

Analogous

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



184.6530, -63.9189, 61.6943



188.5440, -89.0082, 35.4799



182.6340, -58.9796, -29.4970

Triad

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



188.5440, -89.0082, 35.4799



168.1890, 42.7978, -147.5018



188.6690, 32.7012, 58.1723

Complementary

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



188.5440, -89.0082, 35.4799



48.4560, 89.0082, -35.4799

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.



198.7490, 27.7317, 18.6371



188.5440, -89.0082, 35.4799



162.3190, 45.6917, -142.3538

Square

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



188.5440, -89.0082, 35.4799



163.9880, 24.1629, -143.8175



151.1660, 51.1902, -132.5726



172.2090, 10.2500, 72.6077

Rectangle

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



188.5440, -89.0082, 35.4799



167.7570, -28.9672, -89.2409



151.1660, 51.1902, -132.5726



195.1260, 29.5179, 52.5095

Sweetspot

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



188.5440, -89.0082, 35.4799



241.2810, -29.7185, 12.0316



77.3850, -19.9098, 132.9664



119.3480, -17.9196, 7.5878



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.



188.5440, -89.0082, 35.4799



208.3200, -102.7018, 40.9384



179.5870, -84.5924, -27.7018



112.4580, -4.6628, 2.2293



145.6800, -71.8202, 29.2216



41.6640, -20.5404, 8.1877

Inverse Universe

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



48.4560, 89.0082, -35.4799



46.6800, 102.7018, -40.9384



57.4130, 84.5924, 27.7018



105.5420, 4.6628, -2.2293



32.7330, 72.1096, -28.7068



9.3360, 20.5404, -8.1877

Previews

White Background



This preview shows how the YUV color 188.5440, -89.0082, 35.4799 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 188.5440, -89.0082, 35.4799 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 188.5440, -89.0082, 35.4799

Background



This preview shows how black text looks on a background with the YUV color 188.5440, -89.0082, 35.4799.



This preview shows how white text looks on a background with the YUV color 188.5440, -89.0082, 35.4799.

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

188.5440, -89.0082, 35.4799

Protanopia

188.5440, -89.0082, 35.4799

Deuteranopia

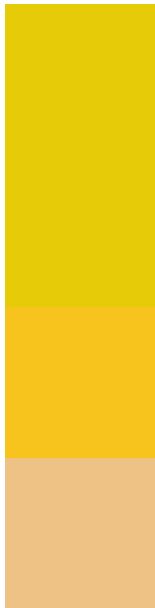
193.6230, -75.2431, 53.8276



Tritanopia

206.1440, -1.5500, 30.5687

Trichromacy



Original Color

188.5440, -89.0082, 35.4799

Protanomaly

188.5440, -89.0082, 35.4799

Deuteranomaly

191.9120, -80.3156, 47.4352

Tritanomaly

199.7890, -33.4200, 32.6340

Monochromacy



Original Color

188.5440, -89.0082, 35.4799

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.8960, -32.4867, 13.2462

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5440, -89.0082, 35.4799 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(229, 203, 8)` looks like.

```
.text, #text, p{  
    color:rgb(229, 203, 8)  
}
```

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(229, 203, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 203, 8) }
```

Border

The CSS property to change the border of an element to YUV 188.5440, -89.0082, 35.4799 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(229, 203, 8) }
```


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

```
.border{ border-color:rgb(229, 203, 8) }
```

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

Here you see how a box with a 4 pixel rgb(229, 203, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 203, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 203, 8);  
box-shadow:4px 4px 4px 4px rgb(229, 203,  
8) }
```

Background

The CSS property to change the background color of an element to YUV 188.5440, -89.0082, 35.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 203, 8) }
```

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

```
.background{ background-color: rgb(229,  
203, 8) }
```

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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