

Converting Colors

YUV(190.3470, -83.4881,
38.2837)

Have a look what the booklet for
YUV(190.3470, -83.4881, 38.2837)
contains.

YUV(190.3470, -83.4881, 38.2837)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(190.3470, -83.4881,
38.2837)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC915
RGB	234, 201, 21
RGB Percent	92%, 79%, 8%
CMY	0.0824, 0.2118, 0.9176
CMYK	0.00, 0.14, 0.91, 0.08
HSL	51°, 84%, 50%
HSV	51°, 91%, 92%
XYZ	54.9537, 59.3199, 9.2630
YIQ	190.3470, 77.4480, -48.9840

Conversions

Conversions Part 2

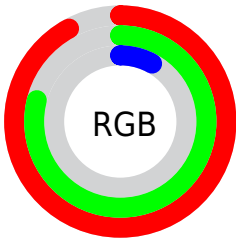
Format	Color
RYB	60, 234, 21
Decimal	15386901
CIELab	81.47, -3.58, 80.09
CIELCh	81, 80.165, 92.558
Yxy	59.3199, 0.4448, 0.4802
Android (android.graphics.Color)	4293576981 (0xFFEAC915)
YUV	190.3470, -83.4881, 38.2837
Hunter-Lab	77.0194, -7.4234, 46.7829

Details

The YUV color **190.3470, -83.4881, 38.2837** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **64.6530, 83.4881, -38.2837**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4180, -71.1981, 16.2964**, and **138.6030, -68.3313, 30.1662** is the 20% darker color. If you saturate the color by 10%, you get **186.1920, -91.7927, 41.9276**, and if you desaturate by 10%, it is **195.3170, -74.5993, 33.9250**.

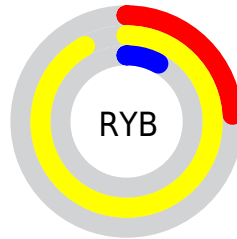
Distribution



Red (92%)

Green (79%)

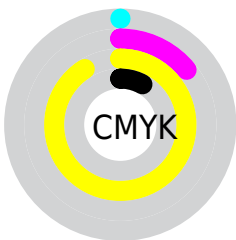
Blue (8%)



Red (24%)

Yellow (92%)

Blue (8%)

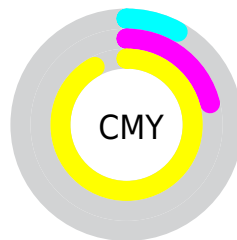


Cyan (0%)

Magenta (14%)

Yellow (91%)

Black (8%)



Cyan (8%)

Magenta (21%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.3470, -83.4881, 38.2837 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 190.3470, -83.4881, 38.2837 by changing the saturation by 10% instead.

190.3470,
-83.4881, 38.2837

190.3470,
-83.4881, 38.2837

255.0000, 0.0000,
0.0000

162.8350,
-80.2777, 35.2247

236.4180,
-71.1981, 16.2964

138.6030,
-68.3313, 30.1662

239.7240,
-58.5309, 13.3971

114.6700,
-56.5323, 25.7224

243.0300,
-45.8638, 10.4977

91.9110, -45.3121,
20.2491

246.2220,
-33.6334, 7.6983

69.4510, -34.2393,
15.3905

249.6420,
-20.5295, 4.6990

48.4640, -23.8928,
10.1171

252.9480, -7.8624,

28.6620, -14.1304,

1.7996

5.5584

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 190.3470,
-83.4881, 38.2837

■ 190.3470,
-83.4881, 38.2837

■ 186.1920,
-91.7927, 41.9276

■ 195.3170,
-74.5993, 33.9250

■ 199.8140,
-64.9843, 29.9811

■ 204.7840,
-56.0955, 25.6224

■ 209.8680,
-46.7699, 21.1638

■ 214.2510,
-37.5917, 17.3199

■ 219.2210,
-28.7030, 12.9612

■ 223.7180,
-19.0880, 9.0173

■ 228.6880,
-10.1992, 4.6586

■ 233.7720, -0.8736,
0.2000

Harmonies

Analogous

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



184.3910, -59.8458, 61.9241



190.3470, -83.4881, 38.2837



183.7380, -60.0168, -23.4492

Triad

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



190.3470, -83.4881, 38.2837



168.1890, 42.7978, -147.5018



191.0170, 31.5436, 56.1131

Complementary

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



190.3470, -83.4881, 38.2837



64.6530, 83.4881, -38.2837

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.



197.8190, 28.1902, 11.5597



190.3470, -83.4881, 38.2837



162.9060, 45.4023, -142.8686

Square

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



190.3470, -83.4881, 38.2837



163.3040, 21.5421, -143.2176



151.7530, 50.9008, -133.0874



174.0670, 12.2920, 70.9782

Rectangle

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



190.3470, -83.4881, 38.2837



172.0960, -33.0783, -77.2602



151.7530, 50.9008, -133.0874



197.4740, 28.3603, 50.4503

Sweetspot

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



190.3470, -83.4881, 38.2837



240.6770, -26.9558, 12.5613



88.7910, -15.6730, 127.3483



119.2170, -15.8830, 7.7027



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.



190.3470, -83.4881, 38.2837



202.4500, -99.8078, 46.0864



188.4890, -82.5721, -22.3539



114.5720, -4.2260, 2.1294



143.9300, -70.9575, 32.5104



42.5610, -20.9826, 10.0320

Inverse Universe

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



64.6530, 83.4881, -38.2837



52.5500, 99.8078, -46.0863



66.5110, 82.5721, 22.3539



107.8410, 4.5154, -1.6146



37.0700, 70.9575, -32.5104



10.8520, 21.2720, -9.5172

Previews

White Background



This preview shows how the YUV color 190.3470, -83.4881, 38.2837 looks on a white background.

Color Contrast Check

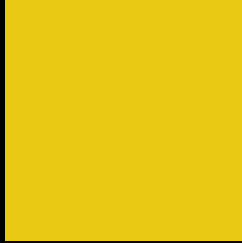
Large Text (above 18pt) WCAG AA × Fail

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 190.3470, -83.4881, 38.2837 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 190.3470, -83.4881, 38.2837

Background



This preview shows how black text looks on a background with the YUV color 190.3470, -83.4881, 38.2837.

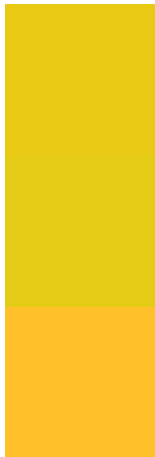


This preview shows how white text looks on a background with the YUV color 190.3470, -83.4881, 38.2837.

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

190.3470, -83.4881, 38.2837

Protanopia

189.8410, -82.7456, 33.4654

Deuteranopia

193.6230, -75.2431, 53.8276



Tritanopia

205.9380, -2.4344, 34.2574

Trichromacy



Original Color

190.3470, -83.4881, 38.2837

Protanomaly

189.8520, -82.7510, 35.2098

Deuteranomaly

192.1940, -77.9896, 48.0649

Tritanomaly

200.2670, -31.6836, 35.7228

Monochromacy



Original Color

190.3470, -83.4881, 38.2837

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.1780, -30.1608, 13.8759

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3470, -83.4881, 38.2837 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(234, 201, 21)` looks like.

```
.text, #text, p{  
    color:rgb(234, 201, 21)  
}
```

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(234, 201, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 201, 21) }
```

Border

The CSS property to change the border of an element to YUV 190.3470, -83.4881, 38.2837 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(234, 201, 21) }
```


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

```
.border{ border-color:rgb(234, 201, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 201, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 201, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 201, 21);  
box-shadow:4px 4px 4px 4px rgb(234, 201,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 190.3470, -83.4881, 38.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 201, 21) }
```

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

```
.background{ background-color: rgb(234,  
201, 21) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor