

Converting Colors

YUV(200.6000, -93.9658,
38.9388)

Have a look what the booklet for
YUV(200.6000, -93.9658, 38.9388)
contains.

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Color

**YUV(200.6000, -93.9658,
38.9388)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D70A
RGB	245, 215, 10
RGB Percent	96%, 84%, 4%
CMY	0.0392, 0.1569, 0.9608
CMYK	0.00, 0.12, 0.96, 0.04
HSL	52°, 92%, 50%
HSV	52°, 96%, 96%
XYZ	62.0114, 68.0353, 10.1509
YIQ	200.6000, 83.6850, -57.3950

Conversions

Conversions Part 2

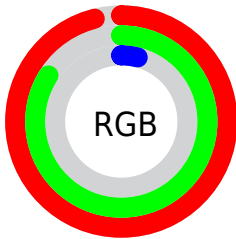
Format	Color
RYB	44, 245, 10
Decimal	16111370
CIELab	86.02, -6.10, 85.22
CIElCh	86, 85.435, 94.095
Yxy	68.0353, 0.4423, 0.4853
Android (android.graphics.Color)	4294301450 (0xFFFF5D70A)
YUV	200.6000, -93.9658, 38.9388
Hunter-Lab	82.4835, -10.1491, 50.4419

Details

The YUV color **200.6000, -93.9658, 38.9388** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **54.4000, 93.9658, -38.9388**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3040, -71.6349, 16.3964**, and **149.5230, -73.7148, 30.2363** is the 20% darker color. If you saturate the color by 10%, you get **198.8730, -98.0444, 40.4534**, and if you desaturate by 10%, it is **205.0970, -84.3508, 34.9949**.

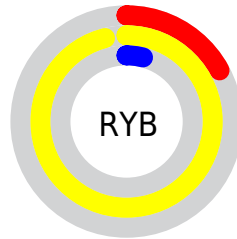
Distribution



Red (96%)

Green (84%)

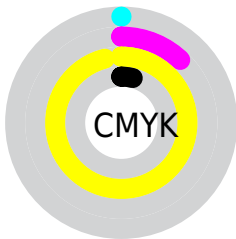
Blue (4%)



Red (17%)

Yellow (96%)

Blue (4%)

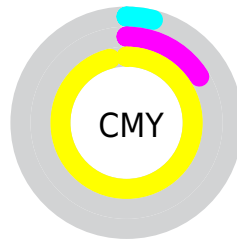


Cyan (0%)

Magenta (12%)

Yellow (96%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.6000, -93.9658, 38.9388 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 200.6000, -93.9658, 38.9388 by changing the saturation by 10% instead.

200.6000,
-93.9658, 38.9388

200.6000,
-93.9658, 38.9388

255.0000, 0.0000,
0.0000

173.7550,
-85.6612, 35.2949

236.3040,
-71.6349, 16.3964

149.5230,
-73.7148, 30.2363

239.7240,
-58.5309, 13.3971

125.2910,
-61.7685, 25.1778

243.0300,
-45.8638, 10.4977

101.9450,
-50.2589, 20.2192

246.3360,
-33.1966, 7.5983

79.1860, -39.0387,
14.7459

249.7560,
-20.0927, 4.5990

57.6120, -28.4027,
9.9873

253.1760, -6.9888,

36.9240, -18.2035,

1.5996

5.3287

■ 17.9970, -8.8725,
-0.8744

■ 0.0000, 0.0000,
0.0000

■ 200.6000,
-93.9658, 38.9388

■ 200.6000,
-93.9658, 38.9388

■ 198.8730,
-98.0444, 40.4534

■ 205.0970,
-84.3508, 34.9949

■ 209.7080,
-74.2990, 30.9511

■ 214.3190,
-64.2473, 26.9072

■ 219.4030,
-54.9217, 22.4486

■ 223.9000,
-45.3067, 18.5047

■ 228.5110,
-35.2549, 14.4609

■ 233.1220,
-25.2031, 10.4170

■ 237.6190,
-15.5882, 6.4731

■ 242.2300, -5.5364,
2.4293

Harmonies

Analogous

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



191.2070, -64.1921, 55.9465



200.6000, -93.9658, 38.9388



194.1950, -63.2001, -29.1120

Triad

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



200.6000, -93.9658, 38.9388



176.9940, 38.4570, -155.2237



194.5390, 29.8073, 53.0243

Complementary

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



200.6000, -93.9658, 38.9388



54.4000, 93.9658, -38.9388

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.



208.7830, 22.7850, 18.6073



200.6000, -93.9658, 38.9388



171.1240, 41.3509, -150.0757

Square

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



200.6000, -93.9658, 38.9388



174.0470, 24.6268, -152.6392



158.7970, 47.4281, -139.2650



178.5010, 14.0500, 67.0896

Rectangle

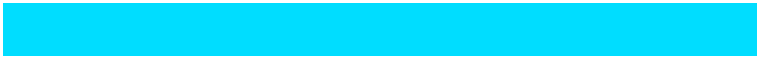
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



200.6000, -93.9658, 38.9388



179.5350, -32.3088, -90.8002



158.7970, 47.4281, -139.2650



201.5830, 26.3346, 46.8467

Sweetspot

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



200.6000, -93.9658, 38.9388



241.2810, -29.7185, 12.0316



83.7990, -21.0999, 141.3733



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.



200.6000, -93.9658, 38.9388



206.5590, -101.8336, 42.4828



192.4960, -89.9705, -29.3760



120.0450, -4.9522, 1.7145



150.7080, -74.2990, 30.9511



47.5780, -23.4560, 10.0171

Inverse Universe

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



54.4000, 93.9658, -38.9388



48.4410, 101.8336, -42.4828



62.5040, 89.9705, 29.3760



112.5420, 4.6628, -2.2293



35.2920, 74.2990, -30.9511



10.8350, 23.7453, -9.5023

Previews

White Background



This preview shows how the YUV color 200.6000, -93.9658, 38.9388 looks on a white background.

Color Contrast Check

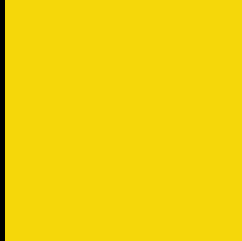
Large Text (above 18pt) WCAG AA × Fail

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 200.6000, -93.9658, 38.9388 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 200.6000, -93.9658, 38.9388

Background



This preview shows how black text looks on a background with the YUV color 200.6000, -93.9658, 38.9388.



This preview shows how white text looks on a background with the YUV color 200.6000, -93.9658, 38.9388.

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

200.6000, -93.9658, 38.9388

Protanopia

200.7030, -93.5236, 37.0945

Deuteranopia

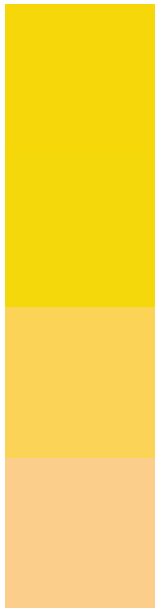
213.2750, -40.5616, 36.5928



Tritanopia

218.7420, -1.8448, 31.7983

Trichromacy



Original Color

200.6000, -93.9658, 38.9388

Protanomaly

201.0020, -93.6710, 37.7092

Deuteranomaly

208.8240, -60.0592, 36.9884

Tritanomaly

211.9310, -35.4620, 34.2635

Monochromacy



Original Color

200.6000, -93.9658, 38.9388

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.8530, -33.9445, 14.1609

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.6000, -93.9658, 38.9388 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(245, 215, 10)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 10)  
}
```

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(245, 215, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 10) }
```

Border

The CSS property to change the border of an element to YUV 200.6000, -93.9658, 38.9388 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(245, 215, 10) }
```


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

```
.border{ border-color:rgb(245, 215, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 10);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 200.6000, -93.9658, 38.9388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 10) }
```

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

```
.background{ background-color: rgb(245,  
215, 10) }
```

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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