

Converting Colors

YUV(195.3330, -68.6912,
52.3280)

Have a look what the booklet for
YUV(195.3330, -68.6912, 52.3280)
contains.

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Color

**YUV(195.3330, -68.6912,
52.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC038
RGB	255, 192, 56
RGB Percent	100%, 75%, 22%
CMY	0.0000, 0.2471, 0.7804
CMYK	0.00, 0.25, 0.78, 0.00
HSL	41°, 100%, 61%
HSV	41°, 78%, 100%
XYZ	60.8034, 59.2448, 11.9721
YIQ	195.3330, 81.2040, -28.9400

Conversions

Conversions Part 2

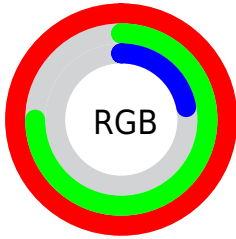
Format	Color
R_{YB}	148, 255, 56
Decimal	16760888
CIE _{Lab}	81.43, 10.88, 72.16
CIE _{LCh}	81, 72.977, 81.422
Yxy	59.2448, 0.4606, 0.4488
Android (android.graphics.Color)	4294950968 (0xFFFFC038)
YUV	195.3330, -68.6912, 52.3280
Hunter-Lab	76.9706, 6.3086, 44.6574

Details

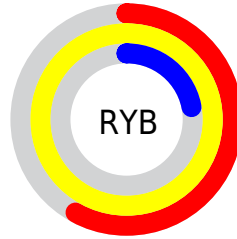
The YUV color **195.3330, -68.6912, 52.3280** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **115.6670, 68.6912, -52.3280**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.7030, -59.9996, 17.8005**, and **139.3000, -68.6749, 47.0949** is the 20% darker color. If you saturate the color by 10%, you get **187.6730, -77.7328, 59.0458**, and if you desaturate by 10%, it is **202.9930, -59.6495, 45.6101**.

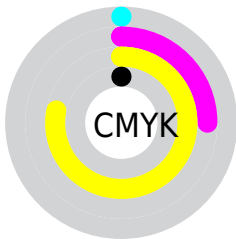
Distribution



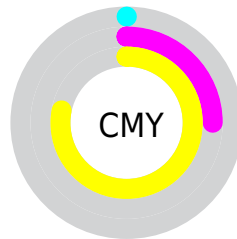
- Red (100%)
- Green (75%)
- Blue (22%)



- Red (58%)
- Yellow (100%)
- Blue (22%)



- Cyan (0%)
- Magenta (25%)
- Yellow (78%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.3330, -68.6912, 52.3280 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 195.3330, -68.6912, 52.3280 by changing the saturation by 10% instead.

195.3330,
-68.6912, 52.3280

195.3330,
-68.6912, 52.3280

255.0000, 0.0000,
0.0000

166.1110,
-72.0327, 50.7687

234.7030,
-59.9996, 17.8005

139.3000,
-68.6749, 47.0949

242.0040,
-49.7950, 11.3975

115.6550,
-57.0179, 41.5216

245.1960,
-37.5646, 8.5981

92.3090, -45.5083,
36.5630

248.5020,
-24.8975, 5.6987

70.1370, -34.5775,
30.5749

251.8080,
-12.2303, 2.7994

48.8510, -24.0835,
24.6867

29.3370, -14.4631,

18.9985

■ 8.0730, -3.9800,
16.5990

■ 0.0000, 0.0000,
0.0000

■ 195.3330,
-68.6912, 52.3280

■ 195.3330,
-68.6912, 52.3280

■ 187.6730,
-77.7328, 59.0458

■ 202.9930,
-59.6495, 45.6101

■ 180.1270,
-86.3376, 65.6636

■ 210.5390,
-51.0447, 38.9923

■ 178.3830,
-87.9428, 67.1931

■ 218.0850,
-42.4399, 32.3745

■ 225.7450,
-33.3983, 25.6566

■ 233.2910,
-24.7935, 19.0388

■ 240.9510,
-15.7518, 12.3210

■ 249.1980, -6.9996,
5.0884

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



184.0440, -43.4057, 62.2284



195.3330, -68.6912, 52.3280



189.3220, -62.2767, 1.4716

Triad

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



195.3330, -68.6912, 52.3280



166.4450, 41.1926, -145.9723



200.9960, 26.6240, 47.3615

Complementary

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



195.3330, -68.6912, 52.3280



115.6670, 68.6912, -52.3280

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.



192.0060, 31.0560, -21.0533



195.3330, -68.6912, 52.3280



164.0800, 44.8236, -143.8982

Square

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



195.3330, -68.6912, 52.3280



157.8780, 10.9061, -138.4590



155.8620, 48.8750, -136.6910



184.6620, 19.8866, 61.6864

Rectangle

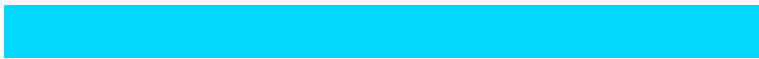
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195.3330, -68.6912, 52.3280



182.7650, -44.2541, -39.2589



155.8620, 48.8750, -136.6910



202.3810, 25.9412, 32.9919

Sweetspot

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



195.3330, -68.6912, 52.3280



237.1210, -20.2727, 15.6799



122.6830, -1.8157, 116.0420



116.8520, -12.2520, 9.7768



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.



195.3330, -68.6912, 52.3280



183.0280, -82.8378, 63.1194



221.5500, -81.6162, -2.2364



123.5830, -4.2314, 3.8737



134.0060, -66.0650, 49.9837



44.9640, -22.1673, 16.6946

Inverse Universe

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



115.6670, 68.6912, -52.3280



86.9720, 82.8378, -63.1194



89.4500, 81.6162, 2.2364



118.8300, 4.5208, -3.3589



57.5810, 65.7756, -50.4985



19.0360, 22.1673, -16.6946

Previews

White Background



This preview shows how the YUV color 195.3330, -68.6912, 52.3280 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 195.3330, -68.6912, 52.3280 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 195.3330, -68.6912, 52.3280 Background



This preview shows how black text looks on a background with the YUV color 195.3330, -68.6912, 52.3280.



This preview shows how white text looks on a background with the YUV color 195.3330, -68.6912, 52.3280.

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

195.3330, -68.6912, 52.3280

Protanopia

193.7600, -66.4367, 29.1515

Deuteranopia

195.0340, -68.5438, 51.7132



Tritanopia

205.7820, -5.8085, 43.1642

Trichromacy



Original Color

195.3330, -68.6912, 52.3280

Protanomaly

194.2880, -67.1900, 37.4584

Deuteranomaly

195.0340, -68.5438, 51.7132

Tritanomaly

201.8430, -28.5166, 46.6187

Monochromacy



Original Color

195.3330, -68.6912, 52.3280

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.1770, -25.2303, 19.1388

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.3330, -68.6912, 52.3280 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(255, 192, 56)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 56)  
}
```

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(255, 192, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 56) }
```

Border

The CSS property to change the border of an element to YUV 195.3330, -68.6912, 52.3280 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(255, 192, 56) }
```


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

```
.border{ border-color:rgb(255, 192, 56) }
```

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

Here you see how a box with a 4 pixel rgb(255, 192, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 56);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 195.3330, -68.6912, 52.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 56) }
```

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

```
.background{ background-color: rgb(255,  
192, 56) }
```

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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