

Converting Colors

YUV(192.5780, -70.2910,
52.1131)

Have a look what the booklet for
YUV(192.5780, -70.2910, 52.1131)
contains.

YUV(192.5780, -70.2910, 52.1131)	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(192.5780, -70.2910,
52.1131)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBE32
RGB	252, 190, 50
RGB Percent	99%, 75%, 20%
CMY	0.0118, 0.2549, 0.8039
CMYK	0.00, 0.25, 0.80, 0.01
HSL	42°, 97%, 59%
HSV	42°, 80%, 99%
XYZ	59.1341, 57.7526, 11.0483
YIQ	192.5780, 81.8920, -30.3960

Conversions

Conversions Part 2

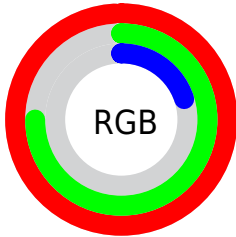
Format	Color
RYB	139, 252, 50
Decimal	16563762
CIELab	80.60, 10.46, 73.27
CIELCh	81, 74.012, 81.875
Yxy	57.7526, 0.4622, 0.4514
Android (android.graphics.Color)	4294753842 (0xFFFCBE32)
YUV	192.5780, -70.2910, 52.1131
Hunter-Lab	75.9952, 5.9045, 44.5769

Details

The YUV color **192.5780, -70.2910, 52.1131** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **109.4220, 70.2910, -52.1131**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.9590, -61.6048, 19.3300**, and **137.2290, -67.6539, 46.2802** is the 20% darker color. If you saturate the color by 10%, you get **185.0320, -78.8958, 58.7309**, and if you desaturate by 10%, it is **200.1240, -61.6861, 45.4953**.

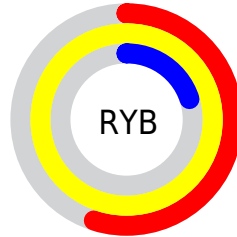
Distribution



Red (99%)

Green (75%)

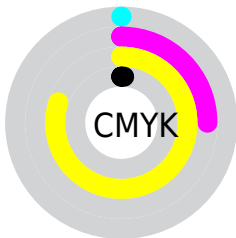
Blue (20%)



Red (55%)

Yellow (99%)

Blue (20%)

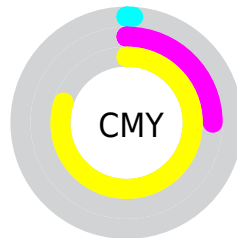


Cyan (0%)

Magenta (25%)

Yellow (80%)

Black (1%)



Cyan (1%)

Magenta (25%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.5780, -70.2910, 52.1131 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 192.5780, -70.2910, 52.1131 by changing the saturation by 10% instead.

192.5780,
-70.2910, 52.1131

192.5780,
-70.2910, 52.1131

255.0000, 0.0000,
0.0000

162.6720,
-76.2533, 51.1537

232.9590,
-61.6048, 19.3300

137.2290,
-67.6539, 46.2802

241.4340,
-51.9790, 11.8974

113.5840,
-55.9969, 40.7068

244.6260,
-39.7486, 9.0980

90.8250, -44.7767,
35.2335

247.9320,
-27.0815, 6.1986

68.6530, -33.8459,
29.2453

251.2380,
-14.4143, 3.2993

47.3670, -23.3519,
23.3571

254.5440, -1.7472,

27.2660, -13.4421,

0.3999

18.1837

■ 7.1760, -3.5378,
14.7546

■ 0.0000, 0.0000,
0.0000

■ 192.5780,
-70.2910, 52.1131

■ 192.5780,
-70.2910, 52.1131

■ 185.0320,
-78.8958, 58.7309

■ 200.1240,
-61.6861, 45.4953

■ 178.0730,
-87.7900, 64.8340

■ 207.0830,
-52.7919, 39.3922

■ 214.7430,
-43.7503, 32.6744

■ 222.2890,
-35.1455, 26.0565

■ 229.8350,
-26.5407, 19.4387

■ 236.7940,
-17.6464, 13.3357

■ 244.3400, -9.0416,
6.7178

■ 252.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



181.8270, -44.2847, 64.1727



192.5780, -70.2910, 52.1131



186.9690, -63.5817, 0.0272

Triad

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



192.5780, -70.2910, 52.1131



165.2710, 41.7714, -144.9427



199.2350, 27.4921, 48.9059

Complementary

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



192.5780, -70.2910, 52.1131



109.4220, 70.2910, -52.1131

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.



190.5330, 31.7822, -20.6384



192.5780, -70.2910, 52.1131



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.



192.5780, -70.2910, 52.1131



156.4760, 10.6113, -137.2295



154.1010, 49.7432, -135.1466



181.9720, 19.7338, 64.0456

Rectangle

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



192.5780, -70.2910, 52.1131



180.3410, -44.5381, -41.5181



154.1010, 49.7432, -135.1466



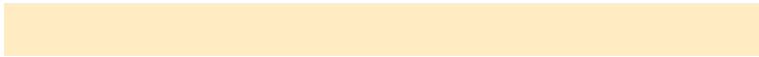
200.3210, 26.9567, 33.9215

Sweetspot

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



192.5780, -70.2910, 52.1131



236.8930, -21.1462, 15.8798



117.6940, -1.8211, 117.7864



116.7380, -12.6888, 9.8768



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.



192.5780, -70.2910, 52.1131



183.0450, -85.3112, 63.1045



217.9090, -82.7791, -2.5512



121.1700, -4.5208, 3.3589



133.4080, -65.7701, 48.7542



42.8930, -21.1462, 15.8798

Inverse Universe

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



109.4220, 70.2910, -52.1131



81.9550, 85.3112, -63.1045



84.0910, 82.7791, 2.5512



115.8300, 4.5208, -3.3589



55.5920, 65.7701, -48.7542



18.1070, 21.1462, -15.8798

Previews

White Background



This preview shows how the YUV color 192.5780, -70.2910, 52.1131 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 192.5780, -70.2910, 52.1131 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 192.5780, -70.2910, 52.1131 Background



This preview shows how black text looks on a background with the YUV color 192.5780, -70.2910, 52.1131.



This preview shows how white text looks on a background with the YUV color 192.5780, -70.2910, 52.1131.

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

192.5780, -70.2910, 52.1131

Protanopia

191.3040, -68.1839, 29.5514

Deuteranopia

192.5780, -70.2910, 52.1131



Tritanopia

203.7930, -5.8139, 44.9085

Trichromacy



Original Color

192.5780, -70.2910, 52.1131

Protanomaly

191.8320, -68.9372, 37.8583

Deuteranomaly

192.5780, -70.2910, 52.1131

Tritanomaly

199.9140, -29.5376, 47.4334

Monochromacy



Original Color

192.5780, -70.2910, 52.1131

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.7640, -25.5197, 18.6240

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.5780, -70.2910, 52.1131 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(252, 190, 50)` looks like.

```
.text, #text, p{  
    color:rgb(252, 190, 50)  
}
```

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(252, 190, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 190, 50) }
```

Border

The CSS property to change the border of an element to YUV 192.5780, -70.2910, 52.1131 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(252, 190, 50) }
```


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

```
.border{ border-color:rgb(252, 190, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 190, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 190, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 190, 50);  
box-shadow:4px 4px 4px 4px rgb(252, 190,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 192.5780, -70.2910, 52.1131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 190, 50) }
```

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

```
.background{ background-color: rgb(252,  
190, 50) }
```

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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