

Converting Colors

YUV(193.5890, -70.2964,
53.8574)

Have a look what the booklet for
YUV(193.5890, -70.2964, 53.8574)
contains.

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Color

**YUV(193.5890, -70.2964,
53.8574)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE33
RGB	255, 190, 51
RGB Percent	100%, 75%, 20%
CMY	0.0000, 0.2549, 0.8000
CMYK	0.00, 0.25, 0.80, 0.00
HSL	41°, 100%, 60%
HSV	41°, 80%, 100%
XYZ	60.2510, 58.3259, 11.2144
YIQ	193.5890, 83.3590, -29.4490

Conversions

Conversions Part 2

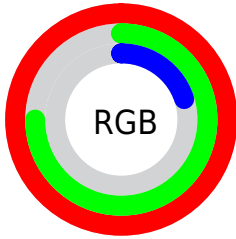
Format	Color
R _Y B	146, 255, 51
Decimal	16760371
CIE Lab	80.92, 11.76, 73.35
CIE LCh	81, 74.290, 80.893
Yxy	58.3259, 0.4642, 0.4494
Android (android.graphics.Color)	4294950451 (0xFFFFBE33)
YUV	193.5890, -70.2964, 53.8574
Hunter-Lab	76.3714, 7.1724, 44.7538

Details

The YUV color **193.5890, -70.2964, 53.8574** 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 **112.4110, 70.2964, -53.8574**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.0730, -61.1680, 19.2300**, and **138.1260, -68.0961, 48.1245** is the 20% darker color. If you saturate the color by 10%, you get **185.9290, -79.3380, 60.5753**, and if you desaturate by 10%, it is **201.2490, -61.2548, 47.1396**.

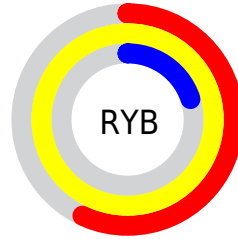
Distribution



Red (100%)

Green (75%)

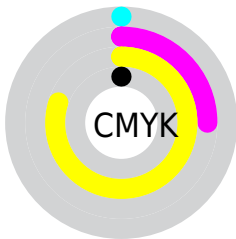
Blue (20%)



Red (57%)

Yellow (100%)

Blue (20%)

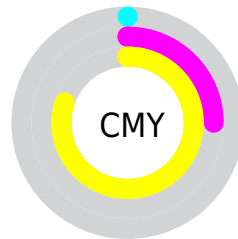


Cyan (0%)

Magenta (25%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.5890, -70.2964, 53.8574 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 193.5890, -70.2964, 53.8574 by changing the saturation by 10% instead.

193.5890,
-70.2964, 53.8574

193.5890,
-70.2964, 53.8574

255.0000, 0.0000,
0.0000

163.7970,
-75.8219, 52.7980

233.0730,
-61.1680, 19.2300

138.1260,
-68.0961, 48.1245

241.5480,
-51.5422, 11.7974

114.4810,
-56.4391, 42.5512

244.7400,
-39.3118, 8.9980

91.1350, -44.9296,
37.5926

248.0460,
-26.6447, 6.0987

68.6640, -33.8514,
30.9897

251.3520,
-13.9775, 3.1993

48.2640, -23.7942,
25.2015

254.6580, -1.3104,

27.8640, -13.7370,

0.2999

19.4133

■ 8.0730, -3.9800,
16.5990

■ 0.0000, 0.0000,
0.0000

■ 193.5890,
-70.2964, 53.8574

■ 193.5890,
-70.2964, 53.8574

■ 185.9290,
-79.3380, 60.5753

■ 201.2490,
-61.2548, 47.1396

■ 178.3830,
-87.9428, 67.1931

■ 208.7950,
-52.6499, 40.5218

■ 216.4550,
-43.6083, 33.8040

■ 224.5880,
-35.2929, 26.6713

■ 232.2480,
-26.2513, 19.9535

■ 239.7940,
-17.6464, 13.3357

■ 247.4540, -8.6048,
6.6178

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.



182.0550, -43.4111, 63.9728



193.5890, -70.2964, 53.8574



187.7520, -64.4607, 1.9715

Triad

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



193.5890, -70.2964, 53.8574



165.6300, 40.6084, -145.2575



199.8220, 27.2028, 48.3911

Complementary

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



193.5890, -70.2964, 53.8574



112.4110, 70.2964, -53.8574

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.



189.9240, 32.0825, -23.6123



193.5890, -70.2964, 53.8574



163.4930, 45.1130, -143.3834

Square

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



193.5890, -70.2964, 53.8574



156.9490, 9.8851, -137.6443



155.2750, 49.1644, -136.1762



182.9010, 20.7548, 63.2308

Rectangle

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



193.5890, -70.2964, 53.8574



181.4230, -45.5645, -38.9590



155.2750, 49.1644, -136.1762



200.3100, 26.9622, 32.1771

Sweetspot

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



193.5890, -70.2964, 53.8574



236.8930, -21.1462, 15.8798



119.7480, -0.3688, 118.6160



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.



193.5890, -70.2964, 53.8574



181.2840, -84.4430, 64.6489



221.5780, -84.0950, -0.5069



123.5830, -4.2314, 3.8737



133.4190, -65.7756, 50.4985



44.3770, -21.8779, 17.2094

Inverse Universe

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



112.4110, 70.2964, -53.8574



83.7160, 84.4430, -64.6489



84.4220, 84.0950, 0.5069



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 193.5890, -70.2964, 53.8574 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 193.5890, -70.2964, 53.8574 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 193.5890, -70.2964, 53.8574 Background



This preview shows how black text looks on a background with the YUV color 193.5890, -70.2964, 53.8574.



This preview shows how white text looks on a background with the YUV color 193.5890, -70.2964, 53.8574.

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

193.5890, -70.2964, 53.8574

Protanopia

192.3040, -68.1839, 29.5514

Deuteranopia

193.5780, -70.2910, 52.1131



Tritanopia

204.3800, -6.1033, 44.3937

Trichromacy



Original Color

193.5890, -70.2964, 53.8574

Protanomaly

193.1310, -69.0846, 38.4731

Deuteranomaly

193.8770, -70.4384, 52.7279

Tritanomaly

200.3270, -29.2482, 47.9482

Monochromacy



Original Color

193.5890, -70.2964, 53.8574

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.0630, -25.6671, 19.2387

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.5890, -70.2964, 53.8574 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, 190, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 51)  
}
```

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, 190, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 51) }
```

Border

The CSS property to change the border of an element to YUV 193.5890, -70.2964, 53.8574 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, 190, 51) }
```


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

```
.border{ border-color:rgb(255, 190, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 193.5890, -70.2964, 53.8574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 51) }
```

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

```
.background{ background-color: rgb(255,  
190, 51) }
```

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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