

Converting Colors

YUV(191.2290, -84.4159,
55.9272)

Have a look what the booklet for
YUV(191.2290, -84.4159, 55.9272)
contains.

YUV(191.2290, -84.4159, 55.9272)	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(191.2290, -84.4159,
55.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC014
RGB	255, 192, 20
RGB Percent	100%, 75%, 8%
CMY	0.0000, 0.2471, 0.9216
CMYK	0.00, 0.25, 0.92, 0.00
HSL	44°, 100%, 54%
HSV	44°, 92%, 100%
XYZ	60.2159, 59.0098, 8.8781
YIQ	191.2290, 92.7600, -40.1360

Conversions

Conversions Part 2

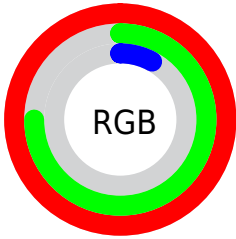
Format	Color
RYB	106, 255, 20
Decimal	16760852
CIELab	81.30, 10.05, 81.03
CIELCh	81, 81.648, 82.931
Yxy	59.0098, 0.4701, 0.4606
Android (android.graphics.Color)	4294950932 (0xFFFFC014)
YUV	191.2290, -84.4159, 55.9272
Hunter-Lab	76.8178, 5.4913, 46.9201

Details

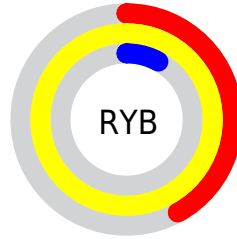
The YUV color **191.2290, -84.4159, 55.9272** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **83.7710, 84.4159, -55.9272**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.0810, -70.0459, 20.1000**, and **139.3000, -68.6749, 47.0949** is the 20% darker color. If you saturate the color by 10%, you get **186.0140, -91.7049, 60.5007**, and if you desaturate by 10%, it is **198.3020, -75.0849, 49.7241**.

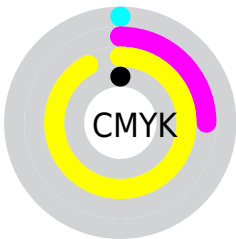
Distribution



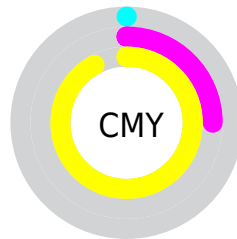
- Red (100%)
- Green (75%)
- Blue (8%)



- Red (42%)
- Yellow (100%)
- Blue (8%)



- Cyan (0%)
- Magenta (25%)
- Yellow (92%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.2290, -84.4159, 55.9272 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 191.2290, -84.4159, 55.9272 by changing the saturation by 10% instead.

191.2290,
-84.4159, 55.9272

191.2290,
-84.4159, 55.9272

255.0000, 0.0000,
0.0000

163.8310,
-80.7687, 52.7682

232.0810,
-70.0459, 20.1000

139.3000,
-68.6749, 47.0949

239.4960,
-59.4045, 13.5970

115.3560,
-56.8705, 40.9068

242.8020,
-46.7374, 10.6976

92.0100, -45.3609,
35.9482

246.1080,
-34.0702, 7.7983

69.5390, -34.2827,
29.3453

249.4140,
-21.4031, 4.8989

48.5520, -23.9361,
24.0719

252.8340, -8.2992,

28.7390, -14.1683,

1.8996

17.7689

■ 7.7740, -3.8326,
15.9842

■ 0.0000, 0.0000,
0.0000

■ 191.2290,
-84.4159, 55.9272

■ 191.2290,
-84.4159, 55.9272

■ 186.0140,
-91.7049, 60.5007

■ 198.3020,
-75.0849, 49.7241

■ 205.2610,
-66.1907, 43.6211

■ 212.3340,
-56.8597, 37.4181

■ 218.7060,
-47.6761, 31.8298

■ 225.6650,
-38.7818, 25.7268

■ 232.7380,
-29.4508, 19.5238

■ 239.8110,
-20.1198, 13.3208

■ 246.7700,
-11.2256, 7.2177

■ 253.8430, -1.8946,
1.0147

Harmonies

Analogous

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



179.7580, -49.6737, 65.9872



191.2290, -84.4159, 55.9272



185.1400, -73.0330, -1.8768

Triad

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



191.2290, -84.4159, 55.9272



168.7760, 42.5084, -148.0166



196.3000, 28.9391, 51.4799

Complementary

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



191.2290, -84.4159, 55.9272



83.7710, 84.4159, -55.9272

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.



189.6470, 32.2190, -20.7384



191.2290, -84.4159, 55.9272



165.2540, 44.2448, -144.9278

Square

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



191.2290, -84.4159, 55.9272



159.7530, 10.4748, -140.1034



155.8620, 48.8750, -136.6910



176.8030, 22.7751, 68.5788

Rectangle

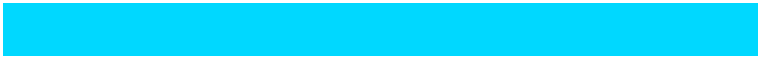
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



191.2290, -84.4159, 55.9272



178.2600, -48.4422, -49.3400



155.8620, 48.8750, -136.6910



200.9520, 26.6457, 40.3841

Sweetspot

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



191.2290, -84.4159, 55.9272



235.7530, -25.5142, 16.8796



97.9030, -5.3752, 137.7741



115.9400, -15.7464, 10.5766



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.



191.2290, -84.4159, 55.9272



186.0140, -91.7049, 60.5007



212.9610, -95.1298, -7.8588



124.1700, -4.5208, 3.3589



139.2890, -68.6695, 45.3505



46.7250, -23.0354, 15.1502

Inverse Universe

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



83.7710, 84.4159, -55.9272



68.9860, 91.7049, -60.5007



62.0390, 95.1298, 7.8588



118.2430, 4.8102, -2.8441



51.7110, 68.6695, -45.3505



17.2750, 23.0354, -15.1502

Previews

White Background



This preview shows how the YUV color 191.2290, -84.4159, 55.9272 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 191.2290, -84.4159, 55.9272 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 191.2290, -84.4159, 55.9272

Background



This preview shows how black text looks on a background with the YUV color 191.2290, -84.4159, 55.9272.



This preview shows how white text looks on a background with the YUV color 191.2290, -84.4159, 55.9272.

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

191.2290, -84.4159, 55.9272

Protanopia

190.0690, -81.8720, 33.2655

Deuteranopia

192.7110, -78.7375, 54.6275



Tritanopia

205.7820, -5.8085, 43.1642

Trichromacy



Original Color

191.2290, -84.4159, 55.9272

Protanomaly

190.5970, -82.6253, 41.5724

Deuteranomaly

192.1410, -80.9215, 55.1273

Tritanomaly

200.3610, -34.1950, 47.9184

Monochromacy



Original Color

191.2290, -84.4159, 55.9272

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.8090, -30.4718, 20.3385

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.2290, -84.4159, 55.9272 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, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 20)  
}
```

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, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 20) }
```

Border

The CSS property to change the border of an element to YUV 191.2290, -84.4159, 55.9272 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, 20) }
```


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

```
.border{ border-color:rgb(255, 192, 20) }
```

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, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 191.2290, -84.4159, 55.9272 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, 20) }
```

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

```
.background{ background-color: rgb(255,  
192, 20) }
```

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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