

Converting Colors

YUV(189.9220, -58.6285,
44.7954)

Have a look what the booklet for
YUV(189.9220, -58.6285, 44.7954)
contains.

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Color

**YUV(189.9220, -58.6285,
44.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	F1BB47
RGB	241, 187, 71
RGB Percent	95%, 73%, 28%
CMY	0.0549, 0.2667, 0.7216
CMYK	0.00, 0.22, 0.71, 0.05
HSL	41°, 86%, 61%
HSV	41°, 71%, 95%
XYZ	55.1833, 54.6964, 13.6102
YIQ	189.9220, 69.4200, -24.6280

Conversions

Conversions Part 2

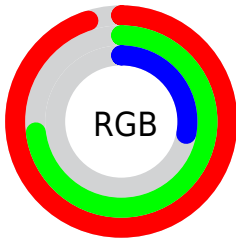
Format	Color
RYB	150, 241, 71
Decimal	15842119
CIELab	78.87, 8.21, 63.56
CIElCh	79, 64.091, 82.637
Yxy	54.6964, 0.4469, 0.4429
Android (android.graphics.Color)	4294032199 (0xFFFF1BB47)
YUV	189.9220, -58.6285, 44.7954
Hunter-Lab	73.9570, 3.7637, 40.8588

Details

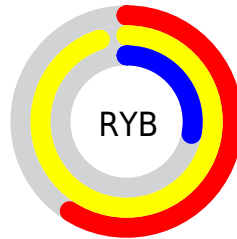
The YUV color **189.9220, -58.6285, 44.7954** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **122.0780, 58.6285, -44.7954**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1360, -53.3110, 19.1747**, and **133.1190, -64.1487, 41.9916** is the 20% darker color. If you saturate the color by 10%, you get **182.4900, -66.7966, 51.3133**, and if you desaturate by 10%, it is **197.3540, -50.4605, 38.2775**.

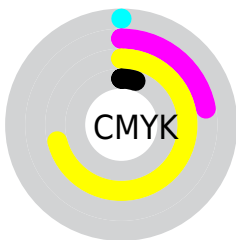
Distribution



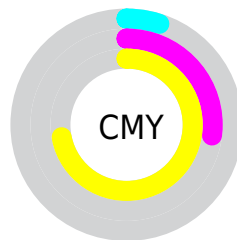
- Red (95%)
- Green (73%)
- Blue (28%)



- Red (59%)
- Yellow (95%)
- Blue (28%)



- Cyan (0%)
- Magenta (22%)
- Yellow (71%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.9220, -58.6285, 44.7954 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 189.9220, -58.6285, 44.7954 by changing the saturation by 10% instead.

189.9220,
-58.6285, 44.7954

189.9220,
-58.6285, 44.7954

255.0000, 0.0000,
0.0000

161.9110,
-58.6231, 43.0511

233.1360,
-53.3110, 19.1747

133.1190,
-64.1487, 41.9916

243.3720,
-44.5534, 10.1978

109.1320,
-53.8021, 36.7182

246.5640,
-32.3231, 7.3984

86.6720, -42.7293,
31.8597

249.7560,
-20.0927, 4.5990

64.5000, -31.7985,
25.8715

253.0620, -7.4256,
1.6996

43.5130, -21.4519,
20.5981

24.2980, -11.9789,

15.5247

■ 2.6910, -1.3267,
5.5330

■ 0.0000, 0.0000,
0.0000

■ 189.9220,
-58.6285, 44.7954

■ 189.9220,
-58.6285, 44.7954

■ 182.4900,
-66.7966, 51.3133

■ 197.3540,
-50.4605, 38.2775

■ 175.6450,
-75.2540, 57.3163

■ 204.1990,
-42.0031, 32.2745

■ 168.3270,
-82.9852, 63.7342

■ 211.6310,
-33.8351, 25.7566

■ 219.0630,
-25.6671, 19.2387

■ 226.0220,
-16.7728, 13.1357

■ 233.4540, -8.6048,
6.6178

■ 240.8860, -0.4368,
0.1000

■ 246.7050, 4.0894,
-5.0033

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



184.1410, -40.4955, 62.1433



189.9220, -58.6285, 44.7954



184.8300, -52.6672, -0.7279

Triad

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



189.9220, -58.6285, 44.7954



158.7340, 39.5711, -139.2097



199.5230, 27.3502, 47.7763

Complementary

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



189.9220, -58.6285, 44.7954



122.0780, 58.6285, -44.7954

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.



189.3920, 32.3447, -14.3758



189.9220, -58.6285, 44.7954



157.6230, 48.0069, -138.2354

Square

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



189.9220, -58.6285, 44.7954



151.7800, 12.9265, -133.1111



149.9920, 51.7689, -131.5430



185.0550, 13.7769, 61.3418

Rectangle

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



189.9220, -58.6285, 44.7954



178.6220, -37.2816, -35.6255



149.9920, 51.7689, -131.5430



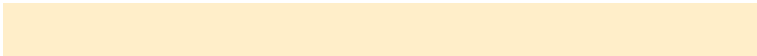
197.6410, 28.2780, 30.1328

Sweetspot

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



189.9220, -58.6285, 44.7954



238.8650, -18.6674, 14.1504



128.3280, -0.1617, 98.8133



117.8950, -10.7942, 8.8621



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.



189.9220, -58.6285, 44.7954



189.7590, -74.8172, 57.2164



213.2480, -70.1283, -0.2175



116.2840, -4.0840, 3.2589



128.3910, -63.2968, 48.7691



39.0500, -19.2516, 14.8652

Inverse Universe

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



122.0780, 58.6285, -44.7954



103.2410, 74.8172, -57.2164



98.7520, 70.1283, 0.2175



111.7160, 4.0840, -3.2589



55.0220, 63.5862, -48.2543



16.9500, 19.2516, -14.8651

Previews

White Background



This preview shows how the YUV color 189.9220, -58.6285, 44.7954 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 189.9220, -58.6285, 44.7954 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 189.9220, -58.6285, 44.7954 Background



This preview shows how black text looks on a background with the YUV color 189.9220, -58.6285, 44.7954.



This preview shows how white text looks on a background with the YUV color 189.9220, -58.6285, 44.7954.

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

189.9220, -58.6285, 44.7954

Protanopia

188.5560, -56.9691, 25.8224

Deuteranopia

190.2320, -58.7814, 47.1545



Tritanopia

198.7220, -4.7929, 44.0938

Trichromacy



Original Color

189.9220, -58.6285, 44.7954

Protanomaly

189.0730, -57.7170, 32.3850

Deuteranomaly

189.9330, -58.6340, 46.5398

Tritanomaly

195.2710, -24.2906, 44.4893

Monochromacy



Original Color

189.9220, -58.6285, 44.7954

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.1920, -21.2937, 16.4946

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.9220, -58.6285, 44.7954 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(241, 187, 71)` looks like.

```
.text, #text, p{  
    color:rgb(241, 187, 71)  
}
```

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(241, 187, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 187, 71) }
```

Border

The CSS property to change the border of an element to YUV 189.9220, -58.6285, 44.7954 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(241, 187, 71) }
```


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

```
.border{ border-color:rgb(241, 187, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 187, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 187, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 187, 71);  
box-shadow:4px 4px 4px 4px rgb(241, 187,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 189.9220, -58.6285, 44.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 187, 71) }
```

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

```
.background{ background-color: rgb(241,  
187, 71) }
```

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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