

Converting Colors

YUV(189.9650, -57.1707,
43.8807)

Have a look what the booklet for
YUV(189.9650, -57.1707, 43.8807)
contains.

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Color

**YUV(189.9650, -57.1707,
43.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BB4A
RGB	240, 187, 74
RGB Percent	94%, 73%, 29%
CMY	0.0588, 0.2667, 0.7098
CMYK	0.00, 0.22, 0.69, 0.06
HSL	41°, 85%, 62%
HSV	41°, 69%, 94%
XYZ	54.9415, 54.5603, 14.1140
YIQ	189.9650, 67.8610, -23.9070

Conversions

Conversions Part 2

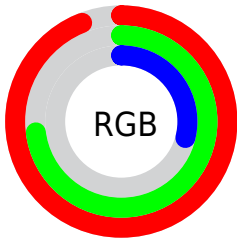
Format	Color
RYB	152, 240, 74
Decimal	15776586
CIELab	78.79, 7.94, 62.21
CIELCh	79, 62.713, 82.724
Yxy	54.5603, 0.4445, 0.4414
Android (android.graphics.Color)	4293966666 (0xFFFF0BB4A)
YUV	189.9650, -57.1707, 43.8807
Hunter-Lab	73.8650, 3.5065, 40.3764

Details

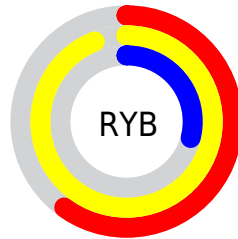
The YUV color **189.9650, -57.1707, 43.8807** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **124.0350, 57.1707, -43.8807**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4780, -52.0007, 18.8748**, and **133.7320, -60.5069, 40.5770** is the 20% darker color. If you saturate the color by 10%, you get **182.5330, -65.3388, 50.3986**, and if you desaturate by 10%, it is **197.3970, -49.0027, 37.3628**.

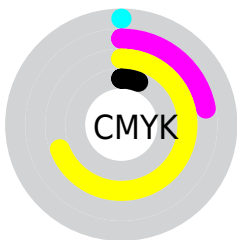
Distribution



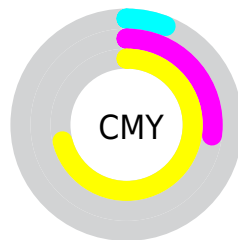
- Red (94%)
- Green (73%)
- Blue (29%)



- Red (60%)
- Yellow (94%)
- Blue (29%)



- Cyan (0%)
- Magenta (22%)
- Yellow (69%)
- Black (6%)



- Cyan (6%)
- Magenta (27%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.9650, -57.1707, 43.8807 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 189.9650, -57.1707, 43.8807 by changing the saturation by 10% instead.

■ 189.9650,
-57.1707, 43.8807

■ 189.9650,
-57.1707, 43.8807

■ 255.0000, 0.0000,
0.0000

■ 161.9540,
-57.1653, 42.1363

■ 233.4780,
-52.0007, 18.8748

■ 133.7320,
-60.5069, 40.5770

■ 243.6000,
-43.6798, 9.9978

■ 109.1320,
-53.8021, 36.7182

■ 246.7920,
-31.4495, 7.1984

■ 86.3730, -42.5819,
31.2449

■ 250.0980,
-18.7823, 4.2991

■ 64.5000, -31.7985,
25.8715

■ 253.4040, -6.1152,
1.3997

■ 43.5130, -21.4519,
20.5981

■ 23.9990, -11.8315,

14.9099

■ 2.0930, -1.0318,
4.3034

■ 0.0000, 0.0000,
0.0000

■ 189.9650,
-57.1707, 43.8807

■ 189.9650,
-57.1707, 43.8807

■ 182.5330,
-65.3388, 50.3986

■ 197.3970,
-49.0027, 37.3628

■ 175.6880,
-73.7962, 56.4016

■ 204.2420,
-40.5453, 31.3598

■ 168.2560,
-81.9642, 62.9195

■ 211.6740,
-32.3773, 24.8419

■ 167.4410,
-82.5484, 63.6342

■ 219.1060,
-24.2093, 18.3240

■ 225.9510,
-15.7518, 12.3210

■ 233.3830, -7.5838,
5.8031

■ 240.8150, 0.5842,
-0.7148

■ 246.4060, 4.2368,
-5.6181

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



184.8420, -40.3481, 61.5286



189.9650, -57.1707, 43.8807



184.5850, -51.0674, -0.5130

Triad

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



189.9650, -57.1707, 43.8807



158.6200, 39.1343, -139.1097



199.8110, 27.2082, 46.6468

Complementary

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



189.9650, -57.1707, 43.8807



124.0350, 57.1707, -43.8807

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.



189.6910, 32.1973, -13.7610



189.9650, -57.1707, 43.8807



157.0360, 48.2963, -137.7206

Square

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



189.9650, -57.1707, 43.8807



151.1930, 13.2159, -132.5963



149.9920, 51.7689, -131.5430



185.5280, 13.0507, 60.9269

Rectangle

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



189.9650, -57.1707, 43.8807



179.1490, -36.5555, -35.2107



149.9920, 51.7689, -131.5430



197.3420, 28.4254, 29.5181

Sweetspot

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



189.9650, -57.1707, 43.8807



238.8650, -18.6674, 14.1504



129.9040, -0.4457, 96.5542



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.



189.9650, -57.1707, 43.8807



190.9160, -72.9226, 56.2017



212.7040, -68.3811, -0.6174



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.



124.0350, 57.1707, -43.8807



107.0840, 72.9226, -56.2017



101.2960, 68.3811, 0.6174



111.7160, 4.0840, -3.2589



55.6090, 63.2968, -48.7691



16.9500, 19.2516, -14.8651

Previews

White Background



This preview shows how the YUV color 189.9650, -57.1707, 43.8807 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 189.9650, -57.1707, 43.8807 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 189.9650, -57.1707, 43.8807

Background



This preview shows how black text looks on a background with the YUV color 189.9650, -57.1707, 43.8807.



This preview shows how white text looks on a background with the YUV color 189.9650, -57.1707, 43.8807.

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

189.9650, -57.1707, 43.8807

Protanopia

188.8980, -55.6587, 25.5225

Deuteranopia

190.2750, -57.3236, 46.2398



Tritanopia

198.4230, -4.6455, 43.4790

Trichromacy



Original Color

189.9650, -57.1707, 43.8807

Protanomaly

189.4150, -56.4066, 32.0850

Deuteranomaly

189.9760, -57.1762, 45.6250

Tritanomaly

195.0860, -23.7064, 43.7746

Monochromacy



Original Color

189.9650, -57.1707, 43.8807

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0070, -20.7095, 15.7799

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.9650, -57.1707, 43.8807 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(240, 187, 74)` looks like.

```
.text, #text, p{  
    color:rgb(240, 187, 74)  
}
```

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(240, 187, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 187, 74) }
```

Border

The CSS property to change the border of an element to YUV 189.9650, -57.1707, 43.8807 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(240, 187, 74) }
```


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

```
.border{ border-color:rgb(240, 187, 74) }
```

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

Here you see how a box with a 4 pixel rgb(240, 187, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 187, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 187, 74);  
box-shadow:4px 4px 4px 4px rgb(240, 187,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 189.9650, -57.1707, 43.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 187, 74) }
```

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

```
.background{ background-color: rgb(240,  
187, 74) }
```

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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