

Converting Colors

YUV(190.8620, -57.6130,
45.7250)

Have a look what the booklet for
YUV(190.8620, -57.6130, 45.7250)
contains.

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Color

**YUV(190.8620, -57.6130,
45.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BB4A
RGB	243, 187, 74
RGB Percent	95%, 73%, 29%
CMY	0.0471, 0.2667, 0.7098
CMYK	0.00, 0.23, 0.70, 0.05
HSL	40°, 88%, 62%
HSV	40°, 70%, 95%
XYZ	55.9685, 55.0897, 14.1621
YIQ	190.8620, 69.6490, -23.2710

Conversions

Conversions Part 2

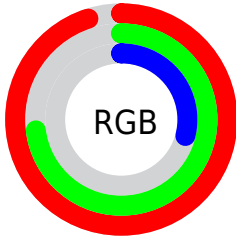
Format	Color
RYB	158, 243, 74
Decimal	15973194
CIELab	79.09, 9.20, 62.62
CIElCh	79, 63.293, 81.638
Yxy	55.0897, 0.4470, 0.4399
Android (android.graphics.Color)	4294163274 (0xFFF3BB4A)
YUV	190.8620, -57.6130, 45.7250
Hunter-Lab	74.2225, 4.7111, 40.6428

Details

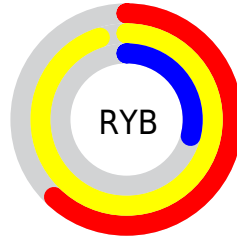
The YUV color **190.8620, -57.6130, 45.7250** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **126.1380, 57.6130, -45.7250**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4780, -52.0007, 18.8748**, and **134.6290, -60.9491, 42.4214** is the 20% darker color. If you saturate the color by 10%, you get **183.4300, -65.7810, 52.2429**, and if you desaturate by 10%, it is **198.2940, -49.4449, 39.2072**.

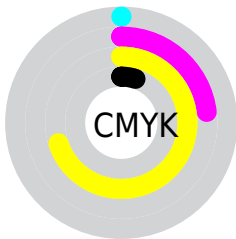
Distribution



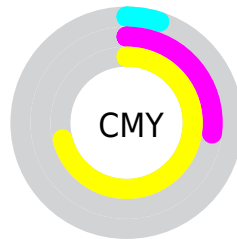
- Red (95%)
- Green (73%)
- Blue (29%)



- Red (62%)
- Yellow (95%)
- Blue (29%)



- Cyan (0%)
- Magenta (23%)
- Yellow (70%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.8620, -57.6130, 45.7250 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 190.8620, -57.6130, 45.7250 by changing the saturation by 10% instead.

190.8620,
-57.6130, 45.7250

190.8620,
-57.6130, 45.7250

255.0000, 0.0000,
0.0000

162.8510,
-57.6075, 43.9807

233.4780,
-52.0007, 18.8748

134.6290,
-60.9491, 42.4214

243.6000,
-43.6798, 9.9978

109.7300,
-54.0969, 37.9478

246.7920,
-31.4495, 7.1984

87.2700, -43.0241,
33.0892

250.0980,
-18.7823, 4.2991

65.0980, -32.0933,
27.1011

253.4040, -6.1152,
1.3997

44.1110, -21.7467,
21.8277

24.5970, -12.1263,

16.1394

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,
0.0000

■ 190.8620,
-57.6130, 45.7250

■ 190.8620,
-57.6130, 45.7250

■ 183.4300,
-65.7810, 52.2429

■ 198.2940,
-49.4449, 39.2072

■ 175.8840,
-74.3858, 58.8607

■ 205.8400,
-40.8401, 32.5893

■ 168.4520,
-82.5538, 65.3786

■ 213.2720,
-32.6721, 26.0715

■ 167.7510,
-82.7012, 65.9934

■ 220.7040,
-24.5041, 19.5536

■ 228.1360,
-16.3360, 13.0357

■ 235.6820, -7.7312,
6.4179

■ 243.1140, 0.4368,
-0.1000

■ 249.0640, 2.9264,
-5.3181

■ 251.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



185.0700, -39.4745, 61.3286



190.8620, -57.6130, 45.7250



185.8410, -52.6726, 1.0164

Triad

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



190.8620, -57.6130, 45.7250



159.2070, 38.8449, -139.6245



200.0990, 27.0662, 45.5172

Complementary

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



190.8620, -57.6130, 45.7250



126.1380, 57.6130, -45.7250

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.



189.9680, 32.0608, -16.6349



190.8620, -57.6130, 45.7250



158.2100, 47.7175, -138.7502

Square

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



190.8620, -57.6130, 45.7250



151.6660, 12.4897, -133.0111



150.5790, 51.4796, -132.0578



186.4570, 14.0717, 60.1122

Rectangle

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



190.8620, -57.6130, 45.7250



179.9320, -37.4345, -33.2664



150.5790, 51.4796, -132.0578



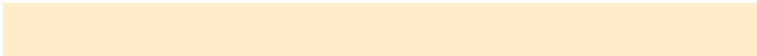
198.2170, 27.9940, 27.8737

Sweetspot

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



190.8620, -57.6130, 45.7250



238.2780, -18.3781, 14.6652



130.9150, -0.4511, 98.2985



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.



190.8620, -57.6130, 45.7250



189.7420, -72.3438, 57.2313



215.3620, -69.6915, -0.3175



118.2840, -4.0840, 3.2589



128.4020, -63.3022, 50.5134



40.5340, -19.9833, 16.1947

Inverse Universe

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



126.1380, 57.6130, -45.7250



108.2580, 72.3438, -57.2313



101.6380, 69.6915, 0.3175



113.7160, 4.0840, -3.2589



57.5980, 63.3022, -50.5134



17.8790, 20.2727, -15.6799

Previews

White Background



This preview shows how the YUV color 190.8620, -57.6130, 45.7250 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 190.8620, -57.6130, 45.7250 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 190.8620, -57.6130, 45.7250

Background



This preview shows how black text looks on a background with the YUV color 190.8620, -57.6130, 45.7250.



This preview shows how white text looks on a background with the YUV color 190.8620, -57.6130,

45.7250.

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

190.8620, -57.6130, 45.7250

Protanopia

189.3110, -55.3693, 26.0373

Deuteranopia

190.5740, -57.4710, 46.8546



Tritanopia

199.3200, -5.0878, 45.3234

Trichromacy



Original Color

190.8620, -57.6130, 45.7250

Protanomaly

190.1270, -56.2646, 33.2146

Deuteranomaly

190.5740, -57.4710, 46.8546

Tritanomaly

195.9830, -24.1486, 45.6189

Monochromacy



Original Color

190.8620, -57.6130, 45.7250

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.1920, -21.2937, 16.4946

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.8620, -57.6130, 45.7250 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(243, 187, 74)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 187, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 187, 74) }
```

Border

The CSS property to change the border of an element to YUV 190.8620, -57.6130, 45.7250 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(243, 187, 74) }
```


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

```
.border{ border-color:rgb(243, 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(243, 187, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 187, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 187, 74);  
box-shadow:4px 4px 4px 4px rgb(243, 187,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 190.8620, -57.6130, 45.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 187, 74) }
```

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

```
.background{ background-color: rgb(243,  
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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