

Converting Colors

YUV(189.8620, -57.6130,
45.7250)

Have a look what the booklet for
YUV(189.8620, -57.6130, 45.7250)
contains.

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Color

**YUV(189.8620, -57.6130,
45.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BA49
RGB	242, 186, 73
RGB Percent	95%, 73%, 29%
CMY	0.0510, 0.2706, 0.7137
CMYK	0.00, 0.23, 0.70, 0.05
HSL	40°, 87%, 62%
HSV	40°, 70%, 95%
XYZ	55.3795, 54.4761, 13.8995
YIQ	189.8620, 69.6490, -23.2710

Conversions

Conversions Part 2

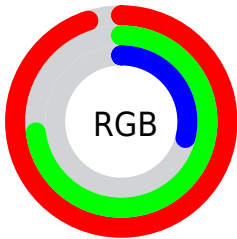
Format	Color
RYB	157, 242, 73
Decimal	15907401
CIELab	78.74, 9.26, 62.64
CIELCh	79, 63.320, 81.594
Yxy	54.4761, 0.4475, 0.4402
Android (android.graphics.Color)	4294097481 (0xFFFF2BA49)
YUV	189.8620, -57.6130, 45.7250
Hunter-Lab	73.8079, 4.7680, 40.5001

Details

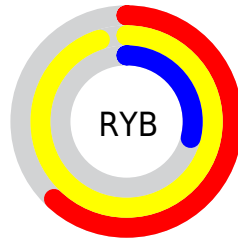
The YUV color **189.8620, -57.6130, 45.7250** is a light color, and the websafe version is hex **FFCC66**, and the color name is **maximum yellow red**. The color can be described as light washed orange. A complement of this color would be **125.1380, 57.6130, -45.7250**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.7770, -52.1481, 19.4896**, and **133.5150, -61.3859, 42.5213** is the 20% darker color. If you saturate the color by 10%, you get **182.4300, -65.7810, 52.2429**, and if you desaturate by 10%, it is **197.2940, -49.4449, 39.2072**.

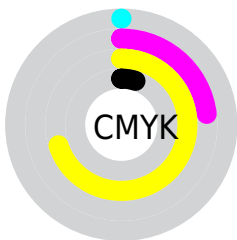
Distribution



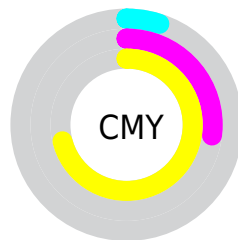
- Red (95%)
- Green (73%)
- Blue (29%)



- 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 189.8620, -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 189.8620, -57.6130, 45.7250 by changing the saturation by 10% instead.

189.8620,
-57.6130, 45.7250

189.8620,
-57.6130, 45.7250

255.0000, 0.0000,
0.0000

161.8510,
-57.6075, 43.9807

232.7770,
-52.1481, 19.4896

133.5150,
-61.3859, 42.5213

243.4860,
-44.1166, 10.0978

108.8440,
-53.6601, 37.8478

246.6780,
-31.8863, 7.2984

86.3840, -42.5873,
32.9892

249.9840,
-19.2191, 4.3990

64.2120, -31.6565,
27.0011

253.2900, -6.5520,
1.4997

43.8120, -21.5993,
21.2129

23.7110, -11.6895,

16.0395

■ 2.9900, -1.4741,
6.1478

■ 0.0000, 0.0000,
0.0000

■ 189.8620,
-57.6130, 45.7250

■ 189.8620,
-57.6130, 45.7250

■ 182.4300,
-65.7810, 52.2429

■ 197.2940,
-49.4449, 39.2072


■ 174.9980,
-73.9490, 58.7608

■ 204.7260,
-41.2769, 32.6893


■ 167.4520,
-82.5538, 65.3786


■ 212.2720,
-32.6721, 26.0715


■ 219.7040,
-24.5041, 19.5536

 227.1360,
-16.3360, 13.0357

 234.5680, -8.1680,
6.5179

 242.0000, 0.0000,
0.0000

 248.1780, 3.3632,
-5.4181

 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



184.3690, -39.6219, 61.9434



189.8620, -57.6130, 45.7250



184.8410, -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.



189.8620, -57.6130, 45.7250



158.3920, 38.2607, -138.9098



199.2130, 27.5030, 45.4172

Complementary

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



189.8620, -57.6130, 45.7250



125.1380, 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.



189.0820, 32.4976, -16.7349



189.8620, -57.6130, 45.7250



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.



189.8620, -57.6130, 45.7250



150.9650, 12.3423, -132.3963



149.9920, 51.7689, -131.5430



185.7560, 13.9243, 60.7270

Rectangle

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



189.8620, -57.6130, 45.7250



178.8180, -37.8713, -33.1664



149.9920, 51.7689, -131.5430



197.0320, 28.5782, 27.1589

Sweetspot

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



189.8620, -57.6130, 45.7250



238.2780, -18.3781, 14.6652



129.9150, -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.



189.8620, -57.6130, 45.7250



188.9270, -72.9280, 57.9460



214.3620, -69.6915, -0.3175



116.2840, -4.0840, 3.2589



127.2170, -62.7180, 49.7987



39.0500, -19.2516, 14.8652

Inverse Universe

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



125.1380, 57.6130, -45.7250



107.0730, 72.9280, -57.9460



100.6380, 69.6915, 0.3175



111.7160, 4.0840, -3.2589



56.7830, 62.7180, -49.7987



17.5370, 18.9623, -15.3799

Previews

White Background



This preview shows how the YUV color 189.8620, -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 189.8620, -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 189.8620, -57.6130, 45.7250 Background



This preview shows how black text looks on a background with the YUV color 189.8620, -57.6130, 45.7250.



This preview shows how white text looks on a background with the YUV color 189.8620, -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

189.8620, -57.6130, 45.7250

Protanopia

188.3110, -55.3693, 26.0373

Deuteranopia

189.5740, -57.4710, 46.8546



Tritanopia

198.3200, -5.0878, 45.3234

Trichromacy



Original Color

189.8620, -57.6130, 45.7250

Protanomaly

189.1270, -56.2646, 33.2146

Deuteranomaly

189.5740, -57.4710, 46.8546

Tritanomaly

194.9830, -24.1486, 45.6189

Monochromacy



Original Color

189.8620, -57.6130, 45.7250

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 189.8620, -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(242, 186, 73)` looks like.

```
.text, #text, p{  
    color:rgb(242, 186, 73)  
}
```

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(242, 186, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 186, 73) }
```

Border

The CSS property to change the border of an element to YUV 189.8620, -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(242, 186, 73) }
```


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

```
.border{ border-color:rgb(242, 186, 73) }
```

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

Here you see how a box with a 4 pixel rgb(242, 186, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 186, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 186, 73);  
box-shadow:4px 4px 4px 4px rgb(242, 186,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 189.8620, -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(242, 186, 73) }
```

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

```
.background{ background-color: rgb(242,  
186, 73) }
```

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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