

Converting Colors

YUV(189.5350, -54.9868,
43.3808)

Have a look what the booklet for
YUV(189.5350, -54.9868, 43.3808)
contains.

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Color

**YUV(189.5350, -54.9868,
43.3808)**

Conversions

Conversions Part 1

Format	Color
Hex	EFBA4E
RGB	239, 186, 78
RGB Percent	94%, 73%, 31%
CMY	0.0627, 0.2706, 0.6941
CMYK	0.00, 0.22, 0.67, 0.06
HSL	40°, 83%, 62%
HSV	40°, 67%, 94%
XYZ	54.5307, 54.0186, 14.7603
YIQ	189.5350, 66.2560, -22.3520

Conversions

Conversions Part 2

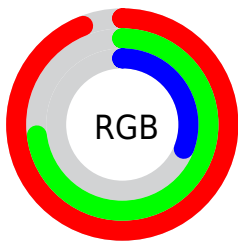
Format	Color
RYB	157, 239, 78
Decimal	15710798
CIELab	78.47, 8.26, 60.14
CIELCh	78, 60.708, 82.181
Yxy	54.0186, 0.4422, 0.4381
Android (android.graphics.Color)	4293900878 (0xFFEFBA4E)
YUV	189.5350, -54.9868, 43.3808
Hunter-Lab	73.4973, 3.8160, 39.5411

Details

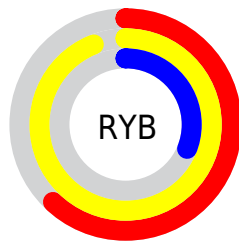
The YUV color **189.5350, -54.9868, 43.3808** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **127.4650, 54.9868, -43.3808**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.3470, -49.9641, 18.9897**, and **133.8720, -56.1389, 39.5773** is the 20% darker color. If you saturate the color by 10%, you get **182.1030, -63.1548, 49.8987**, and if you desaturate by 10%, it is **196.9670, -46.8187, 36.8629**.

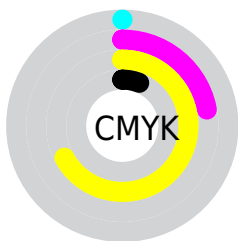
Distribution



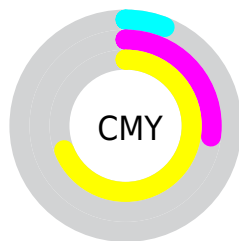
- Red (94%)
- Green (73%)
- Blue (31%)



- Red (62%)
- Yellow (94%)
- Blue (31%)



- Cyan (0%)
- Magenta (22%)
- Yellow (67%)
- Black (6%)



- Cyan (6%)
- Magenta (27%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.5350, -54.9868, 43.3808 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 189.5350, -54.9868, 43.3808 by changing the saturation by 10% instead.

189.5350,
-54.9868, 43.3808

189.5350,
-54.9868, 43.3808

255.0000, 0.0000,
0.0000

161.6380,
-54.5445, 41.5365

233.3470,
-49.9641, 18.9897

133.8720,
-56.1389, 39.5773

244.0560,
-41.9326, 9.5979

108.2460,
-53.3653, 36.6183

247.2480,
-29.7023, 6.7985

85.4870, -42.1451,
31.1449

250.4400,
-17.4719, 3.9991

63.6140, -31.3617,
25.7715

253.8600, -4.3680,
0.9998

43.2140, -21.3045,
19.9833

23.9990, -11.8315,

14.9099

■ 1.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 189.5350,
-54.9868, 43.3808

■ 189.5350,
-54.9868, 43.3808

■ 182.1030,
-63.1548, 49.8987

■ 196.9670,
-46.8187, 36.8629

■ 174.6710,
-71.3228, 56.4165

■ 204.3990,
-38.6507, 30.3451

■ 167.2390,
-79.4908, 62.9344

■ 211.8310,
-30.4827, 23.8272

■ 165.3810,
-81.5328, 64.5639

■ 218.6760,
-22.0253, 17.8241

■ 226.1080,
-13.8572, 11.3063

■ 233.4260, -6.1260,
4.8884

■ 240.8580, 2.0420,
-1.6295

■ 246.6940, 4.0949,
-6.7476

■ 250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



185.1840, -39.0377, 61.2286



189.5350, -54.9868, 43.3808



184.6390, -49.6150, 0.3166

Triad

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



189.5350, -54.9868, 43.3808



157.1040, 38.4027, -137.7802



199.2020, 27.5084, 43.6728

Complementary

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



189.5350, -54.9868, 43.3808



127.4650, 54.9868, -43.3808

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



189.5350, -54.9868, 43.3808



156.4490, 48.5856, -137.2058

Square

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



189.5350, -54.9868, 43.3808



149.9050, 13.3578, -131.4667



149.4050, 52.0583, -131.0282



186.0010, 12.3245, 60.5121

Rectangle

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



189.5350, -54.9868, 43.3808



179.1000, -35.5453, -32.5367



149.4050, 52.0583, -131.0282



197.0320, 28.5782, 27.1589

Sweetspot

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



189.5350, -54.9868, 43.3808



239.2070, -17.3571, 13.8505



132.2950, -0.1454, 93.5803



118.0090, -10.3574, 8.7621



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.



189.5350, -54.9868, 43.3808



191.4860, -70.7386, 55.7018



212.5730, -66.3445, -0.5025



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.



127.4650, 54.9868, -43.3808



111.5140, 70.7386, -55.7018



104.4270, 66.3445, 0.5025



111.7160, 4.0840, -3.2589



56.1960, 63.0074, -49.2839



16.9500, 19.2516, -14.8651

Previews

White Background



This preview shows how the YUV color 189.5350, -54.9868, 43.3808 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 189.5350, -54.9868, 43.3808 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 189.5350, -54.9868, 43.3808

Background



This preview shows how black text looks on a background with the YUV color 189.5350, -54.9868, 43.3808.



This preview shows how white text looks on a background with the YUV color 189.5350, -54.9868, 43.3808.

43.3808.

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

189.5350, -54.9868, 43.3808

Protanopia

188.2830, -52.8905, 24.3078

Deuteranopia

189.8450, -55.1396, 45.7399



Tritanopia

198.0100, -4.9349, 42.9642

Trichromacy



Original Color

189.5350, -54.9868, 43.3808

Protanomaly

188.8000, -53.6384, 30.8704

Deuteranomaly

189.5460, -54.9922, 45.1252

Tritanomaly

194.9010, -23.1222, 43.0598

Monochromacy



Original Color

189.5350, -54.9868, 43.3808

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.1210, -20.2727, 15.6799

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.5350, -54.9868, 43.3808 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(239, 186, 78)` looks like.

```
.text, #text, p{  
    color:rgb(239, 186, 78)  
}
```

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(239, 186, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 186, 78) }
```

Border

The CSS property to change the border of an element to YUV 189.5350, -54.9868, 43.3808 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(239, 186, 78) }
```


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

```
.border{ border-color:rgb(239, 186, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 186, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 186, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 186, 78);  
box-shadow:4px 4px 4px 4px rgb(239, 186,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 189.5350, -54.9868, 43.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 186, 78) }
```

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

```
.background{ background-color: rgb(239,  
186, 78) }
```

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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