

Converting Colors

YUV(184.6380, -54.5445,
41.5365)

Have a look what the booklet for
YUV(184.6380, -54.5445, 41.5365)
contains.

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Color

**YUV(184.6380, -54.5445,
41.5365)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B64A
RGB	232, 182, 74
RGB Percent	91%, 71%, 29%
CMY	0.0902, 0.2863, 0.7098
CMYK	0.00, 0.22, 0.68, 0.09
HSL	41°, 77%, 60%
HSV	41°, 68%, 91%
XYZ	51.2427, 51.1061, 13.6423
YIQ	184.6380, 64.4680, -22.9880

Conversions

Conversions Part 2

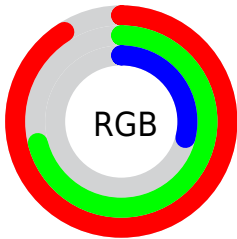
Format	Color
RYB	147, 232, 74
Decimal	15251018
CIELab	76.74, 7.19, 59.82
CIELCh	77, 60.254, 83.148
Yxy	51.1061, 0.4418, 0.4406
Android (android.graphics.Color)	4293441098 (0xFFE8B64A)
YUV	184.6380, -54.5445, 41.5365
Hunter-Lab	71.4885, 2.8431, 38.7276

Details

The YUV color **184.6380, -54.5445, 41.5365** 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 **121.3620, 54.5445, -41.5365**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4290, -50.9905, 21.5488**, and **128.7470, -56.5703, 37.9329** is the 20% darker color. If you saturate the color by 10%, you get **177.9070, -62.5652, 47.4396**, and if you desaturate by 10%, it is **191.3690, -46.5239, 35.6334**.

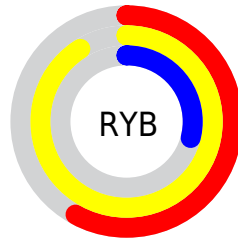
Distribution



Red (91%)

Green (71%)

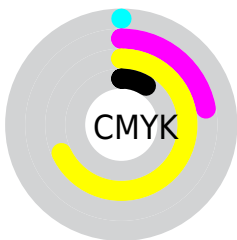
Blue (29%)



Red (58%)

Yellow (91%)

Blue (29%)

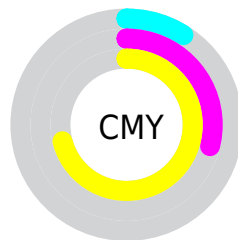


Cyan (0%)

Magenta (22%)

Yellow (68%)

Black (9%)



Cyan (9%)

Magenta (29%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.6380, -54.5445, 41.5365 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 184.6380, -54.5445, 41.5365 by changing the saturation by 10% instead.

184.6380,
-54.5445, 41.5365

184.6380,
-54.5445, 41.5365

255.0000, 0.0000,
0.0000

156.7410,
-54.1023, 39.6921

230.4290,
-50.9905, 21.5488

128.7470,
-56.5703, 37.9329

243.6000,
-43.6798, 9.9978

103.8050,
-51.1759, 34.3740

246.7920,
-31.4495, 7.1984

81.9320, -40.3925,
29.0006

249.9840,
-19.2191, 4.3990

60.0590, -29.6091,
23.6273

253.2900, -6.5520,
1.4997

39.6590, -19.5519,
17.8391

20.7430, -10.2263,

13.3804

■ 0.0000, 0.0000,
0.0000

■ 184.6380,
-54.5445, 41.5365

■ 184.6380,
-54.5445, 41.5365

■ 177.9070,
-62.5652, 47.4396

■ 191.3690,
-46.5239, 35.6334

■ 170.5890,
-70.2964, 53.8574

■ 198.6870,
-38.7927, 29.2155

■ 163.7440,
-78.7538, 59.8605

■ 205.5320,
-30.3353, 23.2124

■ 162.7010,
-80.2116, 60.7752

■ 212.2630,
-22.3147, 17.3093

■ 219.5810,
-14.5834, 10.8915

■ 226.3120, -6.5628,
4.9884

■ 233.0430, 1.4578,
-0.9147

■ 239.9050, 7.4418,
-6.9327

■ 244.0140, 5.4161,
-10.5363

Harmonies

Analogous

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



182.2660, -40.0641, 63.7877



184.6380, -54.5445, 41.5365



179.2690, -48.4466, -1.1129

Triad

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



184.6380, -54.5445, 41.5365



153.8270, 38.5393, -134.9063



194.7830, 29.6870, 44.9173

Complementary

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



184.6380, -54.5445, 41.5365



121.3620, 54.5445, -41.5365

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.



185.8590, 34.0865, -13.0313



184.6380, -54.5445, 41.5365



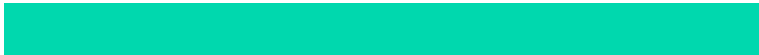
153.5140, 50.0326, -134.6318

Square

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



184.6380, -54.5445, 41.5365



146.6280, 13.4944, -128.5928



145.8830, 53.7947, -127.9394



182.9690, 10.8613, 63.1712

Rectangle

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



184.6380, -54.5445, 41.5365



174.6160, -34.8137, -33.8662



145.8830, 53.7947, -127.9394



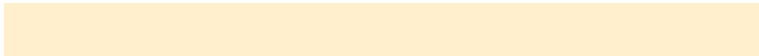
193.2000, 30.4674, 27.8886

Sweetspot

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



184.6380, -54.5445, 41.5365



239.7940, -17.6464, 13.3357



126.9420, -1.4504, 92.1359



118.5960, -10.6468, 8.2473



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.



184.6380, -54.5445, 41.5365



192.4320, -72.1910, 54.8721



205.3170, -64.7393, -2.0320



111.2840, -4.0840, 3.2589



125.1350, -61.6916, 47.2396



35.7940, -17.6464, 13.3357

Inverse Universe

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



121.3620, 54.5445, -41.5365



108.5680, 72.1910, -54.8721



100.6830, 64.7393, 2.0320



106.7160, 4.0840, -3.2589



53.2780, 61.9809, -46.7248



15.2060, 17.6464, -13.3357

Previews

White Background



This preview shows how the YUV color 184.6380, -54.5445, 41.5365 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 184.6380, -54.5445, 41.5365 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 184.6380, -54.5445, 41.5365

Background



This preview shows how black text looks on a background with the YUV color 184.6380, -54.5445, 41.5365.



This preview shows how white text looks on a background with the YUV color 184.6380, -54.5445, 41.5365.

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

184.6380, -54.5445, 41.5365

Protanopia

183.2830, -52.8905, 24.3078

Deuteranopia

184.7740, -54.1186, 44.9252



Tritanopia

193.1130, -4.4927, 41.1199

Trichromacy



Original Color

184.6380, -54.5445, 41.5365

Protanomaly

183.8000, -53.6384, 30.8704

Deuteranomaly

185.0620, -54.2606, 43.7956

Tritanomaly

190.0040, -22.6800, 41.2155

Monochromacy



Original Color

184.6380, -54.5445, 41.5365

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.9360, -19.6884, 14.9651

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.6380, -54.5445, 41.5365 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(232, 182, 74)` looks like.

```
.text, #text, p{  
    color:rgb(232, 182, 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(232, 182, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 182, 74) }
```

Border

The CSS property to change the border of an element to YUV 184.6380, -54.5445, 41.5365 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(232, 182, 74) }
```


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

```
.border{ border-color:rgb(232, 182, 74) }
```

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

Here you see how a box with a 4 pixel rgb(232, 182, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 182, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 182, 74);  
box-shadow:4px 4px 4px 4px rgb(232, 182,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 184.6380, -54.5445, 41.5365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 182, 74) }
```

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

```
.background{ background-color: rgb(232,  
182, 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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