

Converting Colors

YUV(188.7850, -54.1240,
46.6696)

Have a look what the booklet for
YUV(188.7850, -54.1240, 46.6696)
contains.

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Color

**YUV(188.7850, -54.1240,
46.6696)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B74F
RGB	242, 183, 79
RGB Percent	95%, 72%, 31%
CMY	0.0510, 0.2824, 0.6902
CMYK	0.00, 0.24, 0.67, 0.05
HSL	38°, 86%, 63%
HSV	38°, 67%, 95%
XYZ	54.9627, 53.3087, 14.7899
YIQ	188.7850, 68.5480, -19.8360

Conversions

Conversions Part 2

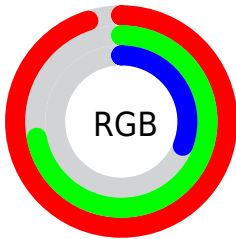
Format	Color
RYB	171, 242, 79
Decimal	15906639
CIELab	78.06, 11.14, 59.36
CIELCh	78, 60.395, 79.366
Yxy	53.3087, 0.4466, 0.4332
Android (android.graphics.Color)	4294096719 (0xFFFF2B74F)
YUV	188.7850, -54.1240, 46.6696
Hunter-Lab	73.0128, 6.5991, 39.0989

Details

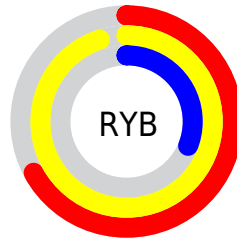
The YUV color **188.7850, -54.1240, 46.6696** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **132.2150, 54.1240, -46.6696**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5860, -49.0959, 20.5341**, and **133.2360, -54.8393, 42.7660** is the 20% darker color. If you saturate the color by 10%, you get **180.7660, -62.0026, 53.7022**, and if you desaturate by 10%, it is **196.8040, -46.2454, 39.6369**.

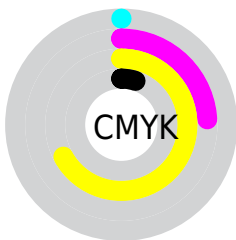
Distribution



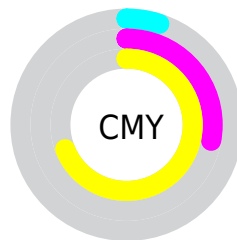
- Red (95%)
- Green (72%)
- Blue (31%)



- Red (67%)
- Yellow (95%)
- Blue (31%)



- Cyan (0%)
- Magenta (24%)
- Yellow (67%)
- Black (5%)



- Cyan (5%)
- Magenta (28%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.7850, -54.1240, 46.6696 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 188.7850, -54.1240, 46.6696 by changing the saturation by 10% instead.

188.7850,
-54.1240, 46.6696

188.7850,
-54.1240, 46.6696

255.0000, 0.0000,
0.0000

160.8880,
-53.6818, 44.8252

231.5860,
-49.0959, 20.5341

133.2360,
-54.8393, 42.7660

244.1700,
-41.4958, 9.4979

107.0830,
-52.7919, 39.3922

247.3620,
-29.2655, 6.6985

84.6230, -41.7191,
34.5336

250.5540,
-17.0351, 3.8991

62.7500, -30.9357,
29.1603

253.8600, -4.3680,
0.9998

42.0510, -20.7311,
22.7573

22.5370, -11.1107,

17.0691

■ 2.0930, -1.0318,
4.3034

■ 0.0000, 0.0000,
0.0000

■ 188.7850,
-54.1240, 46.6696

■ 188.7850,
-54.1240, 46.6696

■ 180.7660,
-62.0026, 53.7022

■ 196.8040,
-46.2454, 39.6369

■ 172.7470,
-69.8813, 60.7349

■ 204.8230,
-38.3667, 32.6042

■ 165.2010,
-78.4861, 67.3527

■ 212.3690,
-29.7619, 25.9864

■ 162.7560,
-80.2387, 69.4970

■ 220.3880,
-21.8833, 18.9537

■ 228.4070,
-14.0047, 11.9211

■ 236.4260, -6.1260,
4.8884

■ 243.8580, 2.0420,
-1.6295

■ 249.9390, 2.4951,
-6.9625

■ 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.



183.8790, -36.4223, 62.3731



188.7850, -54.1240, 46.6696



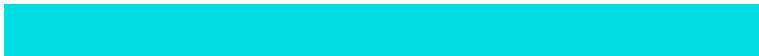
184.0310, -50.7943, 5.2348

Triad

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



188.7850, -54.1240, 46.6696



155.7190, 35.6345, -136.5656



197.6960, 28.2509, 38.8546

Complementary

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



188.7850, -54.1240, 46.6696



132.2150, 54.1240, -46.6696

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.



186.9890, 33.5294, -21.0384



188.7850, -54.1240, 46.6696



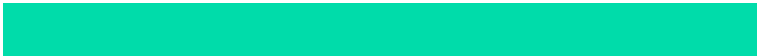
155.8620, 48.8750, -136.6910

Square

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



188.7850, -54.1240, 46.6696



148.5200, 10.5896, -130.2520



149.4050, 52.0583, -131.0282



187.0440, 13.7823, 59.5974

Rectangle

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



188.7850, -54.1240, 46.6696



179.1500, -38.0349, -27.3185



149.4050, 52.0583, -131.0282



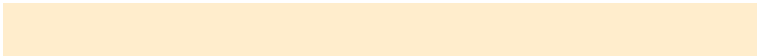
195.2270, 29.4681, 21.7259

Sweetspot

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



188.7850, -54.1240, 46.6696



238.6200, -17.0677, 14.3653



134.5770, 2.1805, 94.2100



117.4220, -10.0680, 9.2769



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.



188.7850, -54.1240, 46.6696



187.3770, -68.7129, 59.3054



216.8400, -67.9551, 2.7713



116.2840, -4.0840, 3.2589



123.6950, -60.9816, 52.8875



37.8760, -18.6729, 15.8947

Inverse Universe

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



132.2150, 54.1240, -46.6696



115.6230, 68.7129, -59.3054



104.1600, 67.9551, -2.7713



111.7160, 4.0840, -3.2589



59.7180, 61.2710, -52.3727



18.1240, 18.6729, -15.8947

Previews

White Background



This preview shows how the YUV color 188.7850, -54.1240, 46.6696 looks on a white background.

Color Contrast Check

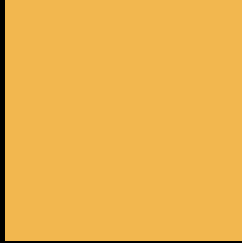
Large Text (above 18pt) WCAG AA × Fail

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 188.7850, -54.1240, 46.6696 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 188.7850, -54.1240, 46.6696

Background



This preview shows how black text looks on a background with the YUV color 188.7850, -54.1240, 46.6696.



This preview shows how white text looks on a background with the YUV color 188.7850, -54.1240,

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

188.7850, -54.1240, 46.6696

Protanopia

187.5110, -52.0169, 24.1079

Deuteranopia

188.7740, -54.1186, 44.9252



Tritanopia

196.8040, -5.8194, 46.6529

Trichromacy



Original Color

188.7850, -54.1240, 46.6696

Protanomaly

188.0390, -52.7702, 32.4148

Deuteranomaly

189.0730, -54.2660, 45.5400

Tritanomaly

193.8090, -23.5698, 46.6485

Monochromacy



Original Color

188.7850, -54.1240, 46.6696

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9470, -19.6939, 16.7095

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.7850, -54.1240, 46.6696 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, 183, 79)` looks like.

```
.text, #text, p{  
    color:rgb(242, 183, 79)  
}
```

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, 183, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 183, 79) }
```

Border

The CSS property to change the border of an element to YUV 188.7850, -54.1240, 46.6696 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, 183, 79) }
```


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

```
.border{ border-color:rgb(242, 183, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 183, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 183, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 183, 79);  
box-shadow:4px 4px 4px 4px rgb(242, 183,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 188.7850, -54.1240, 46.6696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 183, 79) }
```

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

```
.background{ background-color: rgb(242,  
183, 79) }
```

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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