

Converting Colors

YUV(189.4840, -44.1156,
56.5805)

Have a look what the booklet for
YUV(189.4840, -44.1156, 56.5805)
contains.

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Color

**YUV(189.4840, -44.1156,
56.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAE64
RGB	254, 174, 100
RGB Percent	100%, 68%, 39%
CMY	0.0039, 0.3176, 0.6078
CMYK	0.00, 0.31, 0.61, 0.00
HSL	29°, 99%, 69%
HSV	29°, 61%, 100%
XYZ	58.3094, 52.2630, 19.0711
YIQ	189.4840, 71.4340, -6.0540

Conversions

Conversions Part 2

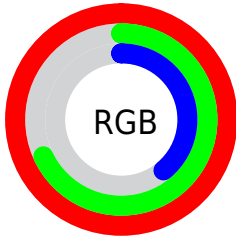
Format	Color
R_{YB}	254, 242, 100
Decimal	16690788
CIE Lab	77.44, 22.10, 49.20
CIE LCh	77, 53.935, 65.809
Yxy	52.2630, 0.4498, 0.4031
Android (android.graphics.Color)	4294880868 (0xFFFEAE64)
YUV	189.4840, -44.1156, 56.5805
Hunter-Lab	72.2932, 17.4593, 34.9644

Details

The YUV color **189.4840, -44.1156, 56.5805** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **164.5160, 44.1156, -56.5805**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6970, -37.3186, 23.0677**, and **134.4340, -41.6260, 51.3624** is the 20% darker color. If you saturate the color by 10%, you get **179.0030, -51.2735, 65.7724**, and if you desaturate by 10%, it is **199.9650, -36.9577, 47.3887**.

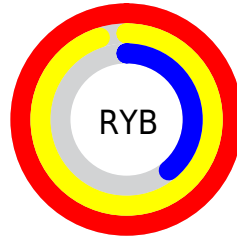
Distribution



Red (100%)

Green (68%)

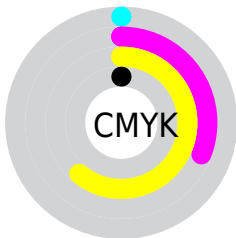
Blue (39%)



Red (100%)

Yellow (95%)

Blue (39%)

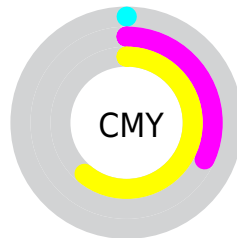


Cyan (0%)

Magenta (31%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.4840, -44.1156, 56.5805 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 189.4840, -44.1156, 56.5805 by changing the saturation by 10% instead.


 189.4840,
-44.1156, 56.5805

 189.4840,
-44.1156, 56.5805

255.0000, 0.0000,
0.0000

 161.5160,
-42.6524, 53.9215


 228.6970,
-37.3186, 23.0677


 134.4340,
-41.6260, 51.3624


 246.4500,
-32.7599, 7.4983


 108.1240,
-41.4731, 49.0033

 249.6420,
-20.5295, 4.6990

 82.6290, -40.7361,
45.9294

 252.9480, -7.8624,
1.7996

 60.4570, -29.8053,
39.9412

 39.1710, -19.3113,
34.0530

 18.7710, -9.2541,

28.2648

■ 6.8770, -3.3904,
14.1399

■ 0.0000, 0.0000,
0.0000

■ 189.4840,
-44.1156, 56.5805

■ 189.4840,
-44.1156, 56.5805

■ 179.0030,
-51.2735, 65.7724

■ 199.9650,
-36.9577, 47.3887

■ 168.4080,
-58.8681, 75.0642

■ 210.5600,
-29.3631, 38.0969

■ 157.3400,
-65.7366, 84.7708

■ 221.6280,
-22.4946, 28.3902

■ 147.5600,
-72.7471, 93.3479

■ 232.2230,
-14.8999, 19.0984

242.7040, -7.7421,
9.9066

253.1850, -0.5842,
0.7148

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



183.7940, -24.0554, 62.4477



189.4840, -44.1156, 56.5805



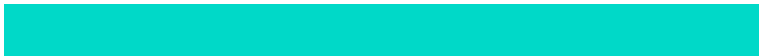
186.1240, -48.3751, 22.6933

Triad

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



189.4840, -44.1156, 56.5805



150.1790, 24.5618, -131.7070



193.4000, 30.3688, 12.8042

Complementary

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



189.4840, -44.1156, 56.5805



164.5160, 44.1156, -56.5805

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.



179.4370, 37.2526, -48.6182



189.4840, -44.1156, 56.5805



154.4770, 46.1068, -135.4763

Square

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



189.4840, -44.1156, 56.5805



169.5140, -10.1134, -69.7338



150.5790, 51.4796, -132.0578



194.9660, 18.7508, 52.6498

Rectangle

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



189.4840, -44.1156, 56.5805



182.3810, -41.5998, -3.8421



150.5790, 51.4796, -132.0578



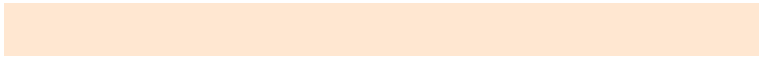
190.3330, 31.8808, -5.5540

Sweetspot

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



189.4840, -44.1156, 56.5805



235.6680, -13.1473, 16.9542



155.3940, 13.1168, 86.4775



115.8890, -8.3263, 10.6213



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.



189.4840, -44.1156, 56.5805



176.8570, -53.1735, 68.5314



233.5090, -65.8199, 17.9706



122.4090, -3.6526, 4.9033



111.1130, -54.7787, 70.0609



37.3330, -18.4052, 23.3870

Inverse Universe

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



164.5160, 44.1156, -56.5805



147.1430, 53.1735, -68.5314



120.4910, 65.8199, -17.9706



120.0040, 3.9420, -4.3885



79.8870, 54.7787, -70.0609



26.6670, 18.4052, -23.3870

Previews

White Background



This preview shows how the YUV color 189.4840, -44.1156, 56.5805 looks on a white background.

Color Contrast Check

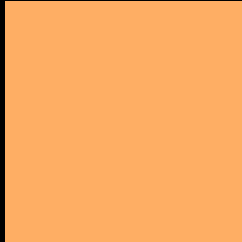
Large Text (above 18pt) WCAG AA × Fail

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 189.4840, -44.1156, 56.5805 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 189.4840, -44.1156, 56.5805

Background



This preview shows how black text looks on a background with the YUV color 189.4840, -44.1156, 56.5805.



This preview shows how white text looks on a background with the YUV color 189.4840, -44.1156, 56.5805.

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

189.4840, -44.1156, 56.5805

Protanopia

187.8770, -40.3654, 20.2789

Deuteranopia

189.1570, -44.9404, 41.0813



Tritanopia

194.6800, -7.7302, 52.9006

Trichromacy



Original Color

189.4840, -44.1156, 56.5805

Protanomaly

188.3240, -41.5717, 33.9189

Deuteranomaly

189.6030, -44.6673, 46.8292

Tritanomaly

193.1350, -21.2656, 54.2556

Monochromacy



Original Color

189.4840, -44.1156, 56.5805

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.5930, -16.0683, 20.5279

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4840, -44.1156, 56.5805 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(254, 174, 100)` looks like.

```
.text, #text, p{  
    color:rgb(254, 174, 100)  
}
```

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(254, 174, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 174, 100) }
```

Border

The CSS property to change the border of an element to YUV 189.4840, -44.1156, 56.5805 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(254, 174, 100) }
```


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

```
.border{ border-color:rgb(254, 174, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 174, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 174, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 174, 100);  
box-shadow:4px 4px 4px 4px rgb(254, 174,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 189.4840, -44.1156, 56.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 174, 100) }
```

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

```
.background{ background-color: rgb(254,  
174, 100) }
```

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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