

Converting Colors

YUV(156.1370, -44.4375,
66.5319)

Have a look what the booklet for
YUV(156.1370, -44.4375, 66.5319)
contains.

YUV(156.1370, -44.4375, 66.5319)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(156.1370, -44.4375,
66.5319)**

Conversions

Conversions Part 1

Format	Color
Hex	E88742
RGB	232, 135, 66
RGB Percent	91%, 53%, 26%
CMY	0.0902, 0.4706, 0.7412
CMYK	0.00, 0.42, 0.72, 0.09
HSL	25°, 78%, 58%
HSV	25°, 72%, 91%
XYZ	42.9261, 34.8771, 9.6238
YIQ	156.1370, 79.9610, -0.8950

Conversions

Conversions Part 2

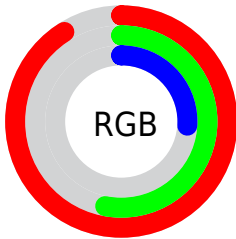
Format	Color
R _Y B	232, 184, 66
Decimal	15238978
CIE Lab	65.65, 31.66, 51.69
CIE LCh	66, 60.619, 58.510
Yxy	34.8771, 0.4910, 0.3989
Android (android.graphics.Color)	4293429058 (0xFFE88742)
YUV	156.1370, -44.4375, 66.5319
Hunter-Lab	59.0568, 26.3951, 31.6780

Details

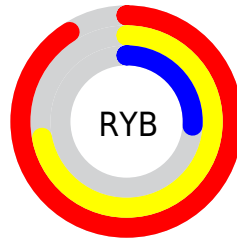
The YUV color **156.1370, -44.4375, 66.5319** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **141.8630, 44.4375, -66.5319**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.5260, -41.1783, 47.7737**, and **101.9190, -43.8371, 60.5840** is the 20% darker color. If you saturate the color by 10%, you get **145.2970, -50.4324, 76.0385**, and if you desaturate by 10%, it is **166.9770, -38.4427, 57.0252**.

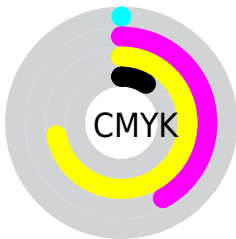
Distribution



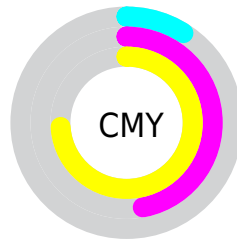
- Red (91%)
- Green (53%)
- Blue (26%)



- Red (91%)
- Yellow (72%)
- Blue (26%)



- Cyan (0%)
- Magenta (42%)
- Yellow (72%)
- Black (9%)



- Cyan (9%)
- Magenta (47%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.1370, -44.4375, 66.5319 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 156.1370, -44.4375, 66.5319 by changing the saturation by 10% instead.

156.1370,
-44.4375, 66.5319

156.1370,
-44.4375, 66.5319

255.0000, 0.0000,
0.0000

128.7560,
-43.2637, 63.3580

200.5260,
-41.1783, 47.7737

101.9190,
-43.8371, 60.5840

220.0400,
-37.4877, 30.6599

77.3790, -38.1478,
55.7956

240.1410,
-34.0865, 13.0313

54.6200, -26.9277,
50.3223

248.5020,
-24.8975, 5.6987

30.6870, -15.1287,
45.8785

251.8080,
-12.2303, 2.7994

16.4450, -8.1074,
33.8127

7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 156.1370,
-44.4375, 66.5319

■ 156.1370,
-44.4375, 66.5319

■ 145.2970,
-50.4324, 76.0385

■ 166.9770,
-38.4427, 57.0252

■ 135.0440,
-56.7167, 85.0304

■ 177.2300,
-32.1584, 48.0333

■ 125.7200,
-61.9800, 93.2076

■ 188.1840,
-25.7267, 38.4266

■ 198.4370,
-19.4424, 29.4348

■ 209.2770,
-13.4476, 19.9281

■ 219.5300, -7.1633,
10.9362

■ 230.3700, -1.1684,
1.4295

■ 240.7370, 5.5527,
-7.6623

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



156.4040, -22.3842, 86.4687



156.1370, -44.4375, 66.5319



153.0560, -55.2436, 32.3999

Triad

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



156.1370, -44.4375, 66.5319



126.2650, 14.1664, -110.7344



161.1170, 46.2843, -5.3646

Complementary

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



156.1370, -44.4375, 66.5319



141.8630, 44.4375, -66.5319

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.



126.5120, 63.3446, -110.9510



156.1370, -44.4375, 66.5319



132.5350, 38.1902, -116.2332

Square

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



156.1370, -44.4375, 66.5319



134.9890, -17.2496, -67.5194



133.6870, 57.8353, -117.2435



163.6160, 26.3183, 52.0798

Rectangle

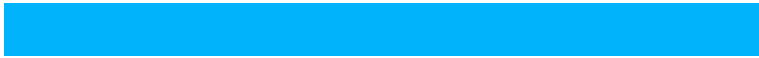
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



156.1370, -44.4375, 66.5319



149.9170, -51.2311, 5.3348



133.6870, 57.8353, -117.2435



155.9460, 48.8336, -29.7706

Sweetspot

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



156.1370, -44.4375, 66.5319



230.6470, -14.6160, 21.3576



127.0340, 19.2102, 92.0552



113.1990, -8.4791, 12.9805



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.



156.1370, -44.4375, 66.5319



154.8980, -58.6167, 87.7895



203.0970, -67.5888, 25.3479



109.5230, -3.2158, 4.8033



96.9590, -47.8008, 71.9500



27.5760, -13.5950, 20.5428

Inverse Universe

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



141.8630, 44.4375, -66.5319



136.1020, 58.6167, -87.7895



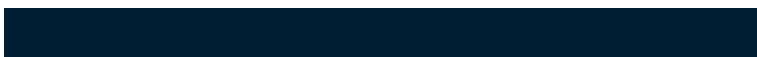
94.9030, 67.5888, -25.3479



108.4770, 3.2158, -4.8033



81.4540, 48.0902, -71.4352



23.4240, 13.5950, -20.5428

Previews

White Background



This preview shows how the YUV color 156.1370, -44.4375, 66.5319 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 156.1370, -44.4375, 66.5319 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 156.1370, -44.4375, 66.5319

Background



This preview shows how black text looks on a background with the YUV color 156.1370, -44.4375, 66.5319.



This preview shows how white text looks on a background with the YUV color 156.1370, -44.4375,

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

156.1370, -44.4375, 66.5319

Protanopia

155.2790, -40.0705, 19.0493

Deuteranopia

155.6790, -46.6767, 37.9925



Tritanopia

160.6170, -12.1362, 66.1109

Trichromacy



Original Color

156.1370, -44.4375, 66.5319

Protanomaly

155.6340, -41.7246, 36.2780

Deuteranomaly

155.9730, -45.8357, 48.2587

Tritanomaly

159.2290, -23.7769, 66.4512

Monochromacy



Original Color

156.1370, -44.4375, 66.5319

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9140, -16.2266, 24.6314

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1370, -44.4375, 66.5319 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, 135, 66)` looks like.

```
.text, #text, p{  
    color:rgb(232, 135, 66)  
}
```

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, 135, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 135, 66) }
```

Border

The CSS property to change the border of an element to YUV 156.1370, -44.4375, 66.5319 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, 135, 66) }
```


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

```
.border{ border-color:rgb(232, 135, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 135, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 135, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 135, 66);  
box-shadow:4px 4px 4px 4px rgb(232, 135,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 156.1370, -44.4375, 66.5319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 135, 66) }
```

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

```
.background{ background-color: rgb(232,  
135, 66) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor