

Converting Colors

YUV(156.0340, -41.4288,
81.5312)

Have a look what the booklet for
YUV(156.0340, -41.4288, 81.5312)
contains.

YUV(156.0340, -41.4288, 81.5312)	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(156.0340, -41.4288,
81.5312)**

Conversions

Conversions Part 1

Format	Color
Hex	F97D48
RGB	249, 125, 72
RGB Percent	98%, 49%, 28%
CMY	0.0235, 0.5098, 0.7176
CMYK	0.00, 0.50, 0.71, 0.02
HSL	18°, 94%, 63%
HSV	18°, 71%, 98%
XYZ	47.5702, 35.2748, 10.4324
YIQ	156.0340, 90.9170, 9.8050

Conversions

Conversions Part 2

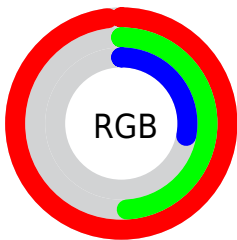
Format	Color
R _Y B	249, 148, 72
Decimal	16350536
CIE Lab	65.96, 43.70, 49.80
CIE LCh	66, 66.249, 48.734
Yxy	35.2748, 0.5100, 0.3782
Android (android.graphics.Color)	4294540616 (0xFFFF97D48)
YUV	156.0340, -41.4288, 81.5312
Hunter-Lab	59.3926, 39.0316, 31.1605

Details

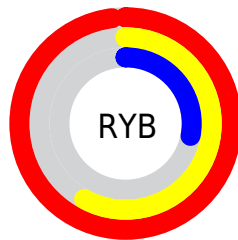
The YUV color **156.0340, -41.4288, 81.5312** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **164.9660, 41.4288, -81.5312**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.9270, -35.9530, 51.8070**, and **101.0870, -38.4969, 74.4687** is the 20% darker color. If you saturate the color by 10%, you get **143.2050, -47.4291, 92.7822**, and if you desaturate by 10%, it is **168.8630, -35.4285, 70.2801**.

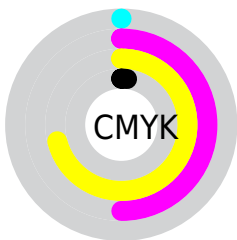
Distribution



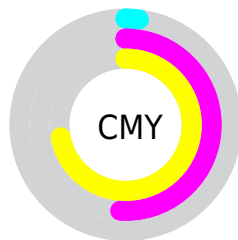
- Red (98%)
- Green (49%)
- Blue (28%)



- Red (98%)
- Yellow (58%)
- Blue (28%)



- Cyan (0%)
- Magenta (50%)
- Yellow (71%)
- Black (2%)



- Cyan (2%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.0340, -41.4288, 81.5312 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 156.0340, -41.4288, 81.5312 by changing the saturation by 10% instead.

156.0340,
-41.4288, 81.5312

156.0340,
-41.4288, 81.5312

255.0000, 0.0000,
0.0000

128.4680,
-39.6707, 77.6426

195.9270,
-35.9530, 51.8070

101.0870,
-38.4969, 74.4687

215.3270,
-32.6992, 34.7932

73.6460, -36.3075,
72.2245

235.4280,
-29.2980, 17.1646

46.7670, -23.0561,
68.6103

249.1860,
-22.2767, 5.0989

28.4050, -14.0037,
58.4038

252.4920, -9.6096,
2.1995

19.7340, -9.7289,
40.5753

12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,
0.0000

■ 156.0340,
-41.4288, 81.5312

■ 156.0340,
-41.4288, 81.5312

■ 143.2050,
-47.4291, 92.7822

■ 168.8630,
-35.4285, 70.2801

■ 129.7890,
-53.1400, 104.5480

■ 182.2790,
-29.7175, 58.5143

■ 118.4760,
-58.4087, 114.4695

■ 195.1080,
-23.7172, 47.2633

■ 208.5240,
-18.0063, 35.4975

■ 221.3530,
-12.0060, 24.2464

234.6550, -6.7319,
12.5806

247.4840, -0.7316,
1.3295

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



152.2440, -12.9383, 90.1170



156.0340, -41.4288, 81.5312



153.3740, -60.8234, 48.7840

Triad

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



156.0340, -41.4288, 81.5312



125.1590, 4.8516, -109.7644



154.1520, 49.7181, -33.4593

Complementary

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



156.0340, -41.4288, 81.5312



164.9660, 41.4288, -81.5312

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.



131.2080, 61.0295, -115.0694



156.0340, -41.4288, 81.5312



132.8140, 31.6437, -116.4779

Square

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



156.0340, -41.4288, 81.5312



139.5430, -30.8337, -50.4652



136.9810, 55.2254, -120.1323



165.1720, 36.3972, 39.3142

Rectangle

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



156.0340, -41.4288, 81.5312



150.2150, -63.2100, 20.8594



136.9810, 55.2254, -120.1323



140.3210, 56.5367, -73.9495

Sweetspot

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



156.0340, -41.4288, 81.5312



226.5380, -12.5902, 24.9612



139.4010, 29.3823, 96.1183



110.8510, -7.3215, 15.0397



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.



156.0340, -41.4288, 81.5312



141.0380, -50.7977, 99.9447



206.5160, -66.3164, 37.2585



118.2350, -3.0739, 5.9329



89.9700, -44.3552, 86.8493



28.8050, -14.2009, 28.2350

Inverse Universe

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



164.9660, 41.4288, -81.5312



151.9620, 50.7977, -99.9447



114.4840, 66.3164, -37.2585



118.7650, 3.0739, -5.9329



99.0300, 44.3552, -86.8493



32.1950, 14.2009, -28.2350

Previews

White Background



This preview shows how the YUV color 156.0340, -41.4288, 81.5312 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 156.0340, -41.4288, 81.5312 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 156.0340, -41.4288, 81.5312

Background



This preview shows how black text looks on a background with the YUV color 156.0340, -41.4288, 81.5312.



This preview shows how white text looks on a background with the YUV color 156.0340, -41.4288, 81.5312.

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

156.0340, -41.4288, 81.5312

Protanopia

156.8920, -36.4288, 17.6347

Deuteranopia

157.0210, -45.3664, 37.6926



Tritanopia

159.6790, -16.1107, 80.9655

Trichromacy



Original Color

156.0340, -41.4288, 81.5312

Protanomaly

156.5790, -38.2464, 40.7112

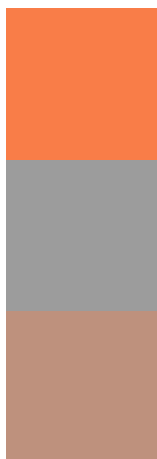
Deuteranomaly

156.8750, -43.8154, 53.6066

Tritanomaly

158.2740, -25.2781, 81.3207

Monochromacy



Original Color

156.0340, -41.4288, 81.5312

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.1750, -15.3693, 29.6645

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.0340, -41.4288, 81.5312 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(249, 125, 72)` looks like.

```
.text, #text, p{  
    color:rgb(249, 125, 72)  
}
```

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(249, 125, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 125, 72) }
```

Border

The CSS property to change the border of an element to YUV 156.0340, -41.4288, 81.5312 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(249, 125, 72) }
```


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

```
.border{ border-color:rgb(249, 125, 72) }
```

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

Here you see how a box with a 4 pixel rgb(249, 125, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 125, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 125, 72);  
box-shadow:4px 4px 4px 4px rgb(249, 125,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 156.0340, -41.4288, 81.5312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 125, 72) }
```

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

```
.background{ background-color: rgb(249,  
125, 72) }
```

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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