

Converting Colors

YUV(135.6660, -43.2193,
95.8859)

Have a look what the booklet for
YUV(135.6660, -43.2193, 95.8859)
contains.

YUV(135.6660, -43.2193, 95.8859)	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(135.6660, -43.2193,
95.8859)**

Conversions

Conversions Part 1

Format	Color
Hex	F56130
RGB	245, 97, 48
RGB Percent	96%, 38%, 19%
CMY	0.0392, 0.6196, 0.8118
CMYK	0.00, 0.60, 0.80, 0.04
HSL	15°, 91%, 57%
HSV	15°, 80%, 96%
XYZ	42.4644, 28.1753, 5.9966
YIQ	135.6660, 103.9370, 16.1370

Conversions

Conversions Part 2

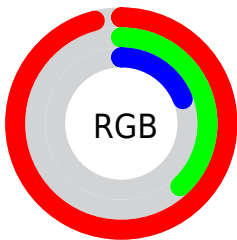
Format	Color
R _Y B	245, 113, 48
Decimal	16081200
CIE Lab	60.05, 54.45, 55.02
CIE LCh	60, 77.409, 45.300
Yxy	28.1753, 0.5541, 0.3676
Android (android.graphics.Color)	4294271280 (0xFFFF56130)
YUV	135.6660, -43.2193, 95.8859
Hunter-Lab	53.0804, 49.9096, 30.4582

Details

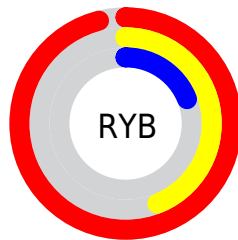
The YUV color **135.6660, -43.2193, 95.8859** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **157.3340, 43.2193, -95.8859**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6410, -38.7700, 68.7208**, and **77.5990, -38.2563, 90.6827** is the 20% darker color. If you saturate the color by 10%, you get **122.3640, -48.4935, 107.5518**, and if you desaturate by 10%, it is **149.0820, -37.5084, 84.1201**.

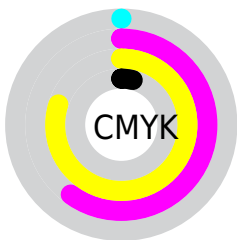
Distribution



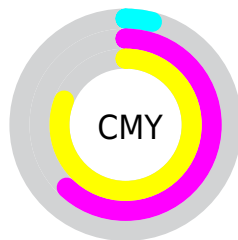
- Red (96%)
- Green (38%)
- Blue (19%)



- Red (96%)
- Yellow (44%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (80%)
- Black (4%)





- Cyan (4%)
- Magenta (62%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.6660, -43.2193, 95.8859 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 135.6660, -43.2193, 95.8859 by changing the saturation by 10% instead.


 135.6660,
-43.2193, 95.8859


 135.6660,
-43.2193, 95.8859


255.0000, 0.0000,
0.0000


 106.6980,
-41.7561, 93.2269


 176.6410,
-38.7700, 68.7208


 77.5990, -38.2563,
90.6827


 196.0410,
-35.5162, 51.7070


 44.5510, -21.9636,
91.6018


 216.0280,
-32.5518, 34.1784

 35.2820, -17.3940,
72.5437

 236.2430,
-28.7138, 16.4499

 26.3120, -12.9718,
54.1004

 249.4140,
-21.4031, 4.8989

 18.5810, -7.6814,
37.2015

 252.6060, -9.1728,

 7.2900, -3.1010,

2.0995

14.6547

■ 0.0000, 0.0000,
0.0000

■ 135.6660,
-43.2193, 95.8859

■ 135.6660,
-43.2193, 95.8859

■ 122.3640,
-48.4935, 107.5518

■ 149.0820,
-37.5084, 84.1201

■ 109.0620,
-53.7676, 119.2176

■ 162.9710,
-32.5237, 71.9394

■ 176.3870,
-26.8128, 60.1736

■ 190.2760,
-21.8281, 47.9929

■ 203.6920,
-16.1172, 36.2271

216.9940,
-10.8430, 24.5613

230.9970, -5.4215,
12.2806

244.2990, -0.1474,
0.6148

252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



128.4560, -7.6198, 110.9791



135.6660, -43.2193, 95.8859



136.1210, -67.1077, 57.7759

Triad

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



135.6660, -43.2193, 95.8859



113.8630, -2.8905, -99.8579



122.0030, 65.5675, -77.1786

Complementary

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



135.6660, -43.2193, 95.8859



157.3340, 43.2193, -95.8859

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.



124.1640, 64.5021, -108.8918



135.6660, -43.2193, 95.8859



123.1310, 27.5434, -107.9859

Square

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



135.6660, -43.2193, 95.8859



117.4640, -41.1478, -55.6579



128.4380, 55.4931, -112.6401



147.7940, 46.4436, 37.0147

Rectangle

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



135.6660, -43.2193, 95.8859



134.4390, -66.2784, 25.0480



128.4380, 55.4931, -112.6401



116.5330, 68.2642, -102.1994

Sweetspot

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



135.6660, -43.2193, 95.8859



221.0440, -13.3327, 29.7794



124.1170, 36.9173, 106.0144



107.3460, -8.0586, 18.1136



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.



135.6660, -43.2193, 95.8859



119.0620, -53.7676, 119.2176



191.4310, -70.7115, 46.9800



115.3490, -2.6371, 5.8329



82.6160, -40.7297, 90.6678



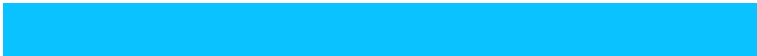
26.4460, -13.0379, 28.5499

Inverse Universe

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



157.3340, 43.2193, -95.8859



145.9380, 53.7676, -119.2176



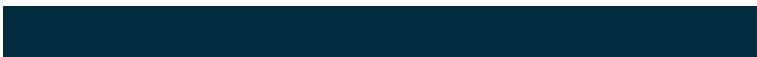
101.5690, 70.7115, -46.9800



116.6510, 2.6371, -5.8329



103.3840, 40.7297, -90.6678



32.5540, 13.0379, -28.5499

Previews

White Background



This preview shows how the YUV color 135.6660, -43.2193, 95.8859 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 135.6660, -43.2193, 95.8859 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 135.6660, -43.2193, 95.8859

Background



This preview shows how black text looks on a background with the YUV color 135.6660, -43.2193, 95.8859.



This preview shows how white text looks on a background with the YUV color 135.6660, -43.2193, 95.8859.

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

135.6660, -43.2193, 95.8859

Protanopia

140.2080, -39.0495, 18.2346

Deuteranopia

139.7130, -51.6235, 37.9627



Tritanopia

138.9150, -20.6641, 94.7905

Trichromacy



Original Color

135.6660, -43.2193, 95.8859

Protanomaly

138.9280, -40.8835, 46.5441

Deuteranomaly

138.3550, -48.4890, 59.3247

Tritanomaly

137.7380, -28.9578, 94.9458

Monochromacy



Original Color

135.6660, -43.2193, 95.8859

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0940, -15.8223, 34.9976

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6660, -43.2193, 95.8859 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(245, 97, 48)` looks like.

```
.text, #text, p{  
    color:rgb(245, 97, 48)  
}
```

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(245, 97, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 97, 48) }
```

Border

The CSS property to change the border of an element to YUV 135.6660, -43.2193, 95.8859 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(245, 97, 48) }
```


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

```
.border{ border-color:rgb(245, 97, 48) }
```

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

Here you see how a box with a 4 pixel rgb(245, 97, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 97, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 97, 48);  
box-shadow:4px 4px 4px 4px rgb(245, 97,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 135.6660, -43.2193, 95.8859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 97, 48) }
```

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

```
.background{ background-color: rgb(245, 97,  
48) }
```

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