

Converting Colors

YUV(133.1390, -43.9455,
95.4711)

Have a look what the booklet for
YUV(133.1390, -43.9455, 95.4711)
contains.

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Color

**YUV(133.1390, -43.9455,
95.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	F25F2C
RGB	242, 95, 44
RGB Percent	95%, 37%, 17%
CMY	0.0510, 0.6275, 0.8275
CMYK	0.00, 0.61, 0.82, 0.05
HSL	15°, 88%, 56%
HSV	15°, 82%, 95%
XYZ	41.1648, 27.2435, 5.4718
YIQ	133.1390, 103.9830, 15.3030

Conversions

Conversions Part 2

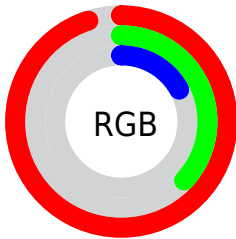
Format	Color
R_{YB}	242, 113, 44
Decimal	15884076
CIE _{Lab}	59.20, 54.16, 55.85
CIE _{LCh}	59, 77.799, 45.878
Yxy	27.2435, 0.5572, 0.3688
Android (android.graphics.Color)	4294074156 (0xFFFF25F2C)
YUV	133.1390, -43.9455, 95.4711
Hunter-Lab	52.1953, 49.4354, 30.3212

Details

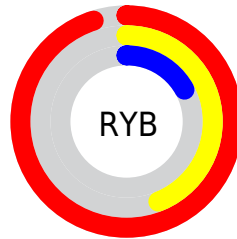
The YUV color **133.1390, -43.9455, 95.4711** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **152.8610, 43.9455, -95.4711**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0110, -39.9384, 70.1504**, and **74.9410, -36.9459, 90.3827** is the 20% darker color. If you saturate the color by 10%, you get **119.8370, -49.2196, 107.1370**, and if you desaturate by 10%, it is **146.4410, -38.6714, 83.8052**.

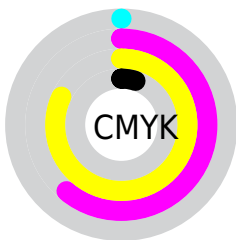
Distribution



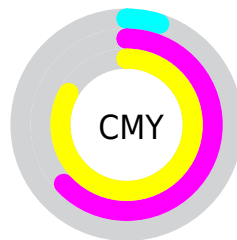
- Red (95%)
- Green (37%)
- Blue (17%)



- Red (95%)
- Yellow (44%)
- Blue (17%)



- Cyan (0%)
- Magenta (61%)
- Yellow (82%)
- Black (5%)





- Cyan (5%)
- Magenta (63%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1390, -43.9455, 95.4711 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 133.1390, -43.9455, 95.4711 by changing the saturation by 10% instead.


 133.1390,
-43.9455, 95.4711


 133.1390,
-43.9455, 95.4711


255.0000, 0.0000,
0.0000


 104.0570,
-42.9191, 92.9120


 175.0110,
-39.9384, 70.1504


 74.9410, -36.9459,
90.3827


 194.4110,
-36.6846, 53.1366

 43.6540, -21.5214,
89.7574

 214.3980,
-33.7202, 35.6080

 34.3850, -16.9518,
70.6994

 234.6130,
-29.8822, 17.8794

 25.4150, -12.5296,
52.2560

 248.9580,
-23.1503, 5.2988

 17.5700, -7.6760,
35.4571

 252.1500,

 5.3820, -2.6533,

-10.9200, 2.4994

11.0660

■ 0.0000, 0.0000,
0.0000

■ 133.1390,
-43.9455, 95.4711

■ 133.1390,
-43.9455, 95.4711

■ 119.8370,
-49.2196, 107.1370

■ 146.4410,
-38.6714, 83.8052

■ 108.7520,
-53.6147, 116.8585

■ 159.7430,
-33.3973, 72.1394

■ 173.1590,
-27.6864, 60.3736

■ 186.4610,
-22.4123, 48.7077

■ 199.7630,
-17.1382, 37.0418

■ 213.0650,
-11.8640, 25.3760

■ 226.3670, -6.5899,
13.7101

■ 239.7830, -0.8790,
1.9443

■ 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.



125.6520, -8.2094, 113.4382



133.1390, -43.9455, 95.4711



134.3380, -66.2286, 55.8316

Triad

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



133.1390, -43.9455, 95.4711



112.5750, -2.7485, -98.7283



120.5410, 66.2883, -75.0195

Complementary

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



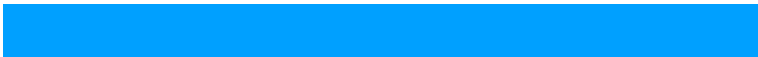
133.1390, -43.9455, 95.4711



152.8610, 43.9455, -95.4711

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.



122.9900, 65.0809, -107.8622



133.1390, -43.9455, 95.4711



121.8430, 27.6854, -106.8563

Square

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



133.1390, -43.9455, 95.4711



113.6700, -40.2633, -59.3466



127.1500, 55.6351, -111.5105



145.3920, 46.1487, 38.2442

Rectangle

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



133.1390, -43.9455, 95.4711



132.3680, -65.2574, 24.2333



127.1500, 55.6351, -111.5105



115.3590, 68.8430, -101.1698

Sweetspot

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



133.1390, -43.9455, 95.4711



220.1150, -14.3537, 30.5941



120.0740, 35.4595, 106.9291



106.5310, -8.6428, 18.8283



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.



133.1390, -43.9455, 95.4711



117.3180, -55.3728, 120.7471



190.0780, -72.0165, 45.5356



113.3490, -2.6371, 5.8329



82.6050, -40.7243, 88.9234



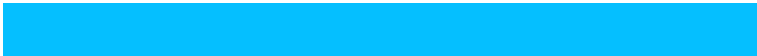
24.9620, -12.3063, 27.2203

Inverse Universe

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



152.8610, 43.9455, -95.4711



142.6820, 55.3728, -120.7471



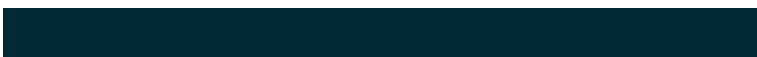
95.9220, 72.0165, -45.5356



114.6510, 2.6371, -5.8329



100.8080, 41.0137, -88.4086



31.0380, 12.3063, -27.2203

Previews

White Background



This preview shows how the YUV color 133.1390, -43.9455, 95.4711 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 133.1390, -43.9455, 95.4711 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 133.1390, -43.9455, 95.4711

Background



This preview shows how black text looks on a background with the YUV color 133.1390, -43.9455, 95.4711.



This preview shows how white text looks on a background with the YUV color 133.1390, -43.9455, 95.4711.

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

133.1390, -43.9455, 95.4711

Protanopia

137.9800, -39.9231, 18.4345

Deuteranopia

136.9580, -53.2233, 37.7478



Tritanopia

136.6160, -20.5167, 94.1758

Trichromacy



Original Color

133.1390, -43.9455, 95.4711

Protanomaly

136.4010, -41.6097, 46.1293

Deuteranomaly

135.6000, -50.0888, 59.1098

Tritanomaly

135.3250, -29.2472, 94.4310

Monochromacy



Original Color

133.1390, -43.9455, 95.4711

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0940, -15.8223, 34.9976

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1390, -43.9455, 95.4711 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, 95, 44)` looks like.

```
.text, #text, p{  
    color:rgb(242, 95, 44)  
}
```

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, 95, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 95, 44) }
```

Border

The CSS property to change the border of an element to YUV 133.1390, -43.9455, 95.4711 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, 95, 44) }
```


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

```
.border{ border-color:rgb(242, 95, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 95, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 95, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 95, 44);  
box-shadow:4px 4px 4px 4px rgb(242, 95,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 133.1390, -43.9455, 95.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 95, 44) }
```

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

```
.background{ background-color: rgb(242, 95,  
44) }
```

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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