

Converting Colors

YUV(137.3130, -44.5243,
94.4415)

Have a look what the booklet for
YUV(137.3130, -44.5243, 94.4415)
contains.

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Color

**YUV(137.3130, -44.5243,
94.4415)**

Conversions

Conversions Part 1

Format	Color
Hex	F5642F
RGB	245, 100, 47
RGB Percent	96%, 39%, 18%
CMY	0.0392, 0.6078, 0.8157
CMYK	0.00, 0.59, 0.81, 0.04
HSL	16°, 91%, 57%
HSV	16°, 81%, 96%
XYZ	42.7264, 28.7321, 5.9832
YIQ	137.3130, 103.4330, 14.2570

Conversions

Conversions Part 2

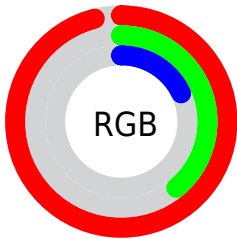
Format	Color
R _Y B	245, 119, 47
Decimal	16081967
CIE Lab	60.54, 53.09, 55.94
CIE LCh	61, 77.119, 46.497
Yxy	28.7321, 0.5517, 0.3710
Android (android.graphics.Color)	4294272047 (0xFFFF5642F)
YUV	137.3130, -44.5243, 94.4415
Hunter-Lab	53.6023, 48.4786, 30.9035

Details

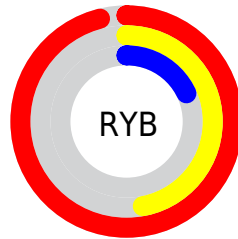
The YUV color **137.3130, -44.5243, 94.4415** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **154.6870, 44.5243, -94.4415**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2880, -40.0750, 67.2764**, and **79.9470, -39.4139, 88.6235** is the 20% darker color. If you saturate the color by 10%, you get **123.8970, -50.2352, 106.2073**, and if you desaturate by 10%, it is **150.7290, -38.8134, 82.6757**.

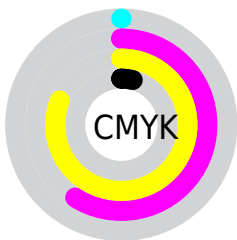
Distribution



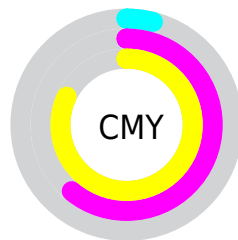
- Red (96%)
- Green (39%)
- Blue (18%)



- Red (96%)
- Yellow (47%)
- Blue (18%)



- Cyan (0%)
- Magenta (59%)
- Yellow (81%)
- Black (4%)



- Cyan (4%)
- Magenta (61%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3130, -44.5243, 94.4415 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 137.3130, -44.5243, 94.4415 by changing the saturation by 10% instead.

137.3130,
-44.5243, 94.4415

137.3130,
-44.5243, 94.4415

255.0000, 0.0000,
0.0000

108.9320,
-43.3505, 91.2676

178.2880,
-40.0750, 67.2764

79.9470, -39.4139,
88.6235

197.6880,
-36.8212, 50.2626

46.6110, -22.9792,
90.6722

217.7890,
-33.4200, 32.6340

35.2820, -17.3940,
72.5437

237.8900,
-30.0188, 15.0055

26.3120, -12.9718,
54.1004

249.3000,
-21.8399, 4.9989

18.4670, -8.1182,
37.3014

252.6060, -9.1728,

7.5890, -3.2484,

2.0995

15.2694

■ 0.0000, 0.0000,
0.0000

■ 137.3130,
-44.5243, 94.4415

■ 137.3130,
-44.5243, 94.4415

■ 123.8970,
-50.2352, 106.2073

■ 150.7290,
-38.8134, 82.6757

■ 111.9970,
-55.2145, 116.6436

■ 164.0310,
-33.5393, 71.0098

■ 177.4470,
-27.8284, 59.2440

■ 190.7490,
-22.5543, 47.5781

■ 204.1650,
-16.8433, 35.8123

217.4670,
-11.5692, 24.1464

230.8830, -5.8583,
12.3806

244.1850, -0.5842,
0.7148

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.



130.1030, -8.9248, 109.5347



137.3130, -44.5243, 94.4415



137.5830, -67.8284, 55.6167

Triad

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



137.3130, -44.5243, 94.4415



114.9060, -1.4327, -100.7726



128.5810, 62.3246, -63.6535

Complementary

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



137.3130, -44.5243, 94.4415



154.6870, 44.5243, -94.4415

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.



124.7510, 64.2128, -109.4066



137.3130, -44.5243, 94.4415



124.1740, 29.0012, -108.9006

Square

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



137.3130, -44.5243, 94.4415



118.0120, -38.9529, -59.6465



129.3670, 56.5141, -113.4549



149.7620, 44.9803, 39.6737

Rectangle

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



137.3130, -44.5243, 94.4415



135.3140, -66.7098, 23.4036



129.3670, 56.5141, -113.4549



117.1200, 67.9748, -102.7142

Sweetspot

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



137.3130, -44.5243, 94.4415



221.6310, -13.6221, 29.2646



122.7320, 34.1491, 107.2290



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.



137.3130, -44.5243, 94.4415



120.5950, -55.5093, 117.8732



195.4260, -73.1740, 43.4764



115.3490, -2.6371, 5.8329



84.9640, -41.8873, 88.6086



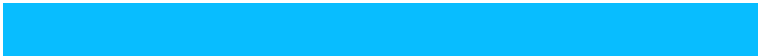
27.0330, -13.3273, 28.0351

Inverse Universe

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



154.6870, 44.5243, -94.4415



142.4050, 55.5093, -117.8732



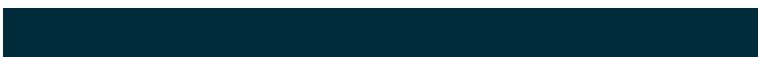
96.5740, 73.1740, -43.4764



116.6510, 2.6371, -5.8329



101.0360, 41.8873, -88.6086



31.9670, 13.3273, -28.0351

Previews

White Background



This preview shows how the YUV color 137.3130, -44.5243, 94.4415 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 137.3130, -44.5243, 94.4415 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 137.3130, -44.5243, 94.4415

Background



This preview shows how black text looks on a background with the YUV color 137.3130, -44.5243, 94.4415.



This preview shows how white text looks on a background with the YUV color 137.3130, -44.5243, 94.4415.

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

137.3130, -44.5243, 94.4415

Protanopia

141.8660, -40.3599, 18.5345

Deuteranopia

140.4850, -52.4971, 38.1627



Tritanopia

140.4310, -19.9325, 93.4610

Trichromacy



Original Color

137.3130, -44.5243, 94.4415

Protanomaly

140.2870, -42.0465, 46.2293

Deuteranomaly

139.4150, -49.5046, 58.3950

Tritanomaly

139.1400, -28.6630, 93.7162

Monochromacy



Original Color

137.3130, -44.5243, 94.4415

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2680, -16.4011, 33.9680

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3130, -44.5243, 94.4415 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, 100, 47)` looks like.

```
.text, #text, p{  
    color:rgb(245, 100, 47)  
}
```

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, 100, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 100, 47) }
```

Border

The CSS property to change the border of an element to YUV 137.3130, -44.5243, 94.4415 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, 100, 47) }
```


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

```
.border{ border-color:rgb(245, 100, 47) }
```

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

Here you see how a box with a 4 pixel rgb(245, 100, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 100, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 100, 47);  
box-shadow:4px 4px 4px 4px rgb(245, 100,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 137.3130, -44.5243, 94.4415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 100, 47) }
```

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

```
.background{ background-color: rgb(245,  
100, 47) }
```

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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