

Converting Colors

YUV(114.9540, -56.6723,
117.5583)

Have a look what the booklet for
YUV(114.9540, -56.6723, 117.5583)
contains.

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Color

**YUV(114.9540, -56.6723,
117.5583)**

Conversions

Conversions Part 1

Format	Color
Hex	F94500
RGB	249, 69, 0
RGB Percent	98%, 27%, 0%
CMY	0.0235, 0.7294, 1.0000
CMYK	0.00, 0.72, 1.00, 0.02
HSL	17°, 100%, 49%
HSV	17°, 100%, 98%
XYZ	41.1950, 24.3960, 2.5377
YIQ	114.9540, 129.4290, 16.7010

Conversions

Conversions Part 2

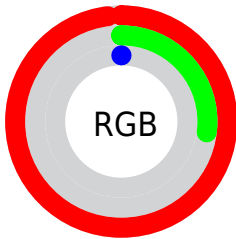
Format	Color
R_{YB}	249, 95, 0
Decimal	16336128
CIE _{Lab}	56.48, 65.97, 67.84
CIE _{LCh}	56, 94.625, 45.802
Yxy	24.3960, 0.6047, 0.3581
Android (android.graphics.Color)	4294526208 (0xFFFF94500)
YUV	114.9540, -56.6723, 117.5583
Hunter-Lab	49.3923, 62.4393, 31.5284

Details

The YUV color **114.9540, -56.6723, 117.5583** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **134.0460, 56.6723, -117.5583**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5630, -47.1126, 84.5752**, and **54.7170, -26.9755, 112.5042** is the 20% darker color. If you saturate the color by 10%, you get **114.9540, -56.6723, 117.5583**, and if you desaturate by 10%, it is **128.3700, -50.9614, 105.7925**.

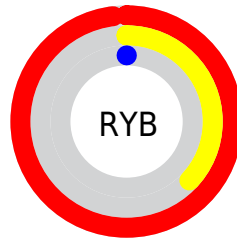
Distribution



Red (98%)

Green (27%)

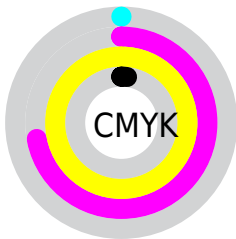
Blue (0%)



Red (98%)

Yellow (37%)

Blue (0%)

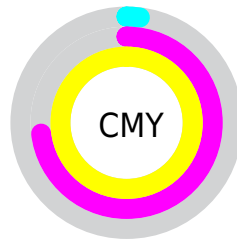


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (73%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.9540, -56.6723, 117.5583 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 114.9540, -56.6723, 117.5583 by changing the saturation by 10% instead.


 114.9540,
-56.6723, 117.5583


 114.9540,
-56.6723, 117.5583


255.0000, 0.0000,
0.0000

 84.5420, -41.6792,
115.2887


 158.5630,
-47.1126, 84.5752


 54.7170, -26.9755,
112.5042


 178.5500,
-44.1482, 67.0466


 44.8500, -22.1110,
92.2166

 198.6510,
-40.7469, 49.4181

 35.2820, -17.3940,
72.5437

 218.6380,
-37.7825, 31.8895

 26.1270, -12.3876,
53.3856

 239.4400,
-34.2339, 13.6461


 17.5700, -7.6760,
35.4571

 248.5020,


 5.3820, -2.6533,


-24.8975, 5.6987

11.0660


 251.8080,
-12.2303, 2.7994

 0.0000, 0.0000,
0.0000

 114.9540,
-56.6723, 117.5583

 128.3700,
-50.9614, 105.7925

 141.7860,
-45.2505, 94.0267

 155.2020,
-39.5396, 82.2608

 168.6180,
-33.8287, 70.4950

 182.0340,
-28.1178, 58.7292

■ 195.3360,
-22.8436, 47.0633

■ 208.7520,
-17.1327, 35.2975

■ 222.1680,
-11.4218, 23.5317

■ 235.5840, -5.7109,
11.7658

Harmonies

Analogous

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



87.3030, 4.7806, 147.0703



114.9540, -56.6723, 117.5583



127.2830, -62.7505, 60.2648

Triad

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



114.9540, -56.6723, 117.5583



108.5170, -8.1429, -95.1694



106.5540, 73.1839, -93.4479

Complementary

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



114.9540, -56.6723, 117.5583



134.0460, 56.6723, -117.5583

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.



121.2290, 65.9491, -106.3178



114.9540, -56.6723, 117.5583



119.4950, 28.8430, -104.7971

Square

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



114.9540, -56.6723, 117.5583



93.9200, -46.3026, -82.3678



126.9850, 62.6184, -111.3658



135.1340, 57.6149, 47.2405

Rectangle

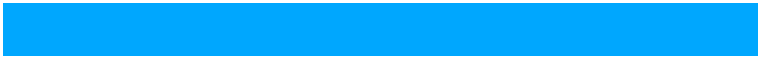
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



114.9540, -56.6723, 117.5583



126.1550, -62.1944, 21.7891



126.9850, 62.6184, -111.3658



112.4240, 70.2900, -98.5958

Sweetspot

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



114.9540, -56.6723, 117.5583



214.0510, -17.2801, 35.9123



95.3130, 43.2297, 134.7835



102.7980, -10.2534, 22.1022



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.



114.9540, -56.6723, 117.5583



117.9220, -58.1355, 120.2174



186.5680, -91.9780, 54.7529



118.2350, -3.0739, 5.9329



87.0350, -42.9083, 89.4233



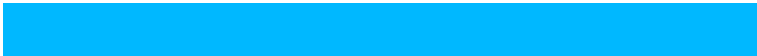
28.2180, -13.9115, 28.7498

Inverse Universe

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



134.0460, 56.6723, -117.5583



137.0780, 58.1355, -120.2174



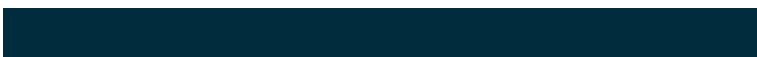
62.4320, 91.9780, -54.7529



118.7650, 3.0739, -5.9329



101.3780, 43.1976, -88.9085



32.7820, 13.9115, -28.7498

Previews

White Background



This preview shows how the YUV color 114.9540, -56.6723, 117.5583 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 114.9540, -56.6723, 117.5583 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 114.9540, -56.6723, 117.5583 Background



This preview shows how black text looks on a background with the YUV color 114.9540, -56.6723, 117.5583.



This preview shows how white text looks on a background with the YUV color 114.9540, -56.6723, 117.5583.

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

114.9540, -56.6723, 117.5583

Protanopia

128.7710, -49.6801, 21.2488

Deuteranopia

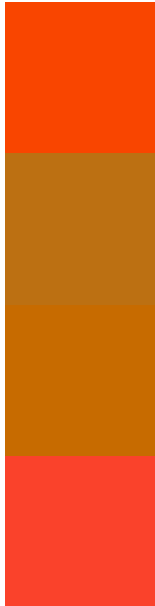
126.8520, -62.5380, 38.7178



Tritanopia

119.9560, -26.1073, 114.0486

Trichromacy



Original Color

114.9540, -56.6723, 117.5583

Protanomaly

124.0080, -52.2619, 56.1210

Deuteranomaly

122.3100, -60.2988, 67.2571

Tritanomaly

118.3940, -37.1692, 115.4185

Monochromacy



Original Color

114.9540, -56.6723, 117.5583

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8840, -20.6488, 43.0747

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.9540, -56.6723, 117.5583 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, 69, 0)` looks like.

```
.text, #text, p{  
    color:rgb(249, 69, 0)  
}
```

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, 69, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 69, 0) }
```

Border

The CSS property to change the border of an element to YUV 114.9540, -56.6723, 117.5583 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, 69, 0) }
```


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

```
.border{ border-color:rgb(249, 69, 0) }
```

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

Here you see how a box with a 4 pixel rgb(249, 69, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 69, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 69, 0);  
box-shadow:4px 4px 4px 4px rgb(249, 69, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 114.9540, -56.6723, 117.5583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 69, 0) }
```

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

```
.background{ background-color: rgb(249, 69,  
0) }
```

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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