

Converting Colors

YUV(114.9100, -56.6506,
110.5809)

Have a look what the booklet for
YUV(114.9100, -56.6506, 110.5809)
contains.

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Color

**YUV(114.9100, -56.6506,
110.5809)**

Conversions

Conversions Part 1

Format	Color
Hex	F14900
RGB	241, 73, 0
RGB Percent	95%, 29%, 0%
CMY	0.0549, 0.7137, 1.0000
CMYK	0.00, 0.70, 1.00, 0.05
HSL	18°, 100%, 47%
HSV	18°, 100%, 95%
XYZ	38.6582, 23.4659, 2.4919
YIQ	114.9100, 123.5610, 12.9130

Conversions

Conversions Part 2

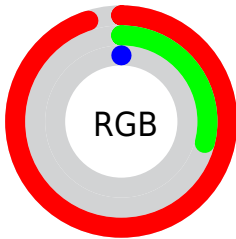
Format	Color
R_{YB}	241, 105, 0
Decimal	15812864
CIE _{Lab}	55.55, 62.06, 66.58
CIE _{LCh}	56, 91.014, 47.013
Yxy	23.4659, 0.5983, 0.3632
Android (android.graphics.Color)	4294002944 (0xFFFF14900)
YUV	114.9100, -56.6506, 110.5809
Hunter-Lab	48.4416, 57.6769, 30.8592

Details

The YUV color **114.9100, -56.6506, 110.5809** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **126.0900, 56.6506, -110.5809**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7370, -47.6913, 83.5457**, and **52.3250, -25.7962, 107.5860** is the 20% darker color. If you saturate the color by 10%, you get **114.9100, -56.6506, 110.5809**, and if you desaturate by 10%, it is **127.6250, -51.0871, 99.4299**.

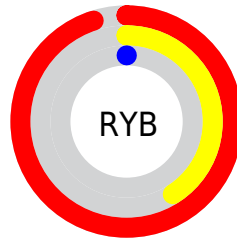
Distribution



Red (95%)

Green (29%)

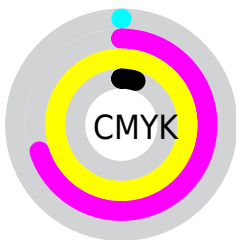
Blue (0%)



Red (95%)

Yellow (41%)

Blue (0%)

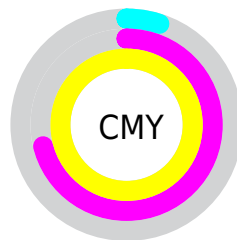


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (71%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.9100, -56.6506, 110.5809 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 114.9100, -56.6506, 110.5809 by changing the saturation by 10% instead.


 114.9100,
-56.6506, 110.5809

 114.9100,
-56.6506, 110.5809


255.0000, 0.0000,
0.0000

 86.2590, -42.5257,
106.7669


 159.7370,
-47.6913, 83.5457


 52.3250, -25.7962,
107.5860


 179.7240,
-44.7269, 66.0171


 42.7570, -21.0792,
87.9131


 199.7110,
-41.7625, 48.4885

 33.1890, -16.3622,
68.2402

 219.8120,
-38.3613, 30.8599

 24.3330, -11.5032,
49.6970

 240.0270,
-34.5233, 13.1313


 15.7760, -6.7916,
31.7684


 248.5020,


 0.0000, 0.0000,


-24.8975, 5.6987


0.0000


 251.6940,
-12.6671, 2.8994


 114.9100,
-56.6506, 110.5809

 127.6250,
-51.0871, 99.4299

 140.3400,
-45.5236, 88.2788

 152.4680,
-39.6707, 77.6426

 165.1830,
-34.1072, 66.4915

 177.8980,
-28.5437, 55.3405

■ 190.7270,
-22.5434, 44.0894

■ 203.4420,
-16.9799, 32.9384

■ 215.5700,
-11.1270, 22.3021

■ 228.2850, -5.5635,
11.1511

Harmonies

Analogous

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



86.8470, 3.0334, 147.4702



114.9100, -56.6506, 110.5809



125.4890, -61.8661, 56.5761

Triad

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



114.9100, -56.6506, 110.5809



106.5110, -5.6749, -93.4101



104.2060, 74.3414, -91.3887

Complementary

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



114.9100, -56.6506, 110.5809



126.0900, 56.6506, -110.5809

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.



118.8810, 67.1067, -104.2586



114.9100, -56.6506, 110.5809



117.6200, 29.2743, -103.1527

Square

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



114.9100, -56.6506, 110.5809



92.1590, -45.4344, -80.8234



124.0670, 61.5920, -108.8068



133.4070, 53.5363, 48.7551

Rectangle

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



114.9100, -56.6506, 110.5809



123.1870, -60.7312, 19.1300



124.0670, 61.5920, -108.8068



110.0760, 71.4475, -96.5367

Sweetspot

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



114.9100, -56.6506, 110.5809



215.2250, -17.8589, 34.8827



91.3250, 38.2938, 131.2650



103.9720, -10.8322, 21.0726



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.



114.9100, -56.6506, 110.5809



121.4440, -59.8719, 117.1286



185.3500, -91.3775, 48.8051



113.3490, -2.6371, 5.8329



87.8880, -43.3288, 84.2902



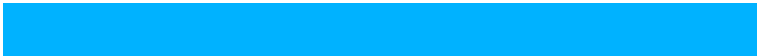
26.7230, -13.1744, 25.6759

Inverse Universe

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



126.0900, 56.6506, -110.5809



133.5560, 59.8719, -117.1286



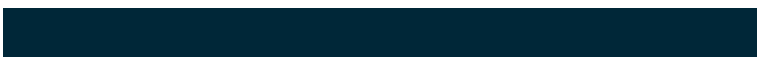
55.6500, 91.3775, -48.8051



114.0640, 2.9264, -5.3181



96.1120, 43.3288, -84.2902



29.2770, 13.1744, -25.6759

Previews

White Background



This preview shows how the YUV color 114.9100, -56.6506, 110.5809 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 114.9100, -56.6506, 110.5809 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 114.9100, -56.6506, 110.5809 Background



This preview shows how black text looks on a background with the YUV color 114.9100, -56.6506, 110.5809.



This preview shows how white text looks on a background with the YUV color 114.9100, -56.6506, 110.5809.

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

114.9100, -56.6506, 110.5809

Protanopia

126.4720, -49.5327, 20.6341

Deuteranopia

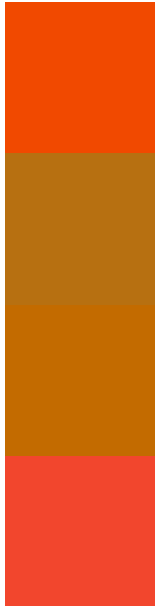
124.7810, -61.5170, 37.9031



Tritanopia

120.3680, -24.3384, 106.6713

Trichromacy



Original Color

114.9100, -56.6506, 110.5809

Protanomaly

122.3990, -51.9617, 53.1471

Deuteranomaly

121.1140, -59.7092, 64.7980

Tritanomaly

118.5780, -36.2740, 108.2411

Monochromacy



Original Color

114.9100, -56.6506, 110.5809

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.1610, -20.7854, 40.2008

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.9100, -56.6506, 110.5809 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(241, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(241, 73, 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(241, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 73, 0) }
```

Border

The CSS property to change the border of an element to YUV 114.9100, -56.6506, 110.5809 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(241, 73, 0) }
```


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

```
.border{ border-color:rgb(241, 73, 0) }
```

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

Here you see how a box with a 4 pixel rgb(241, 73, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 73, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 73, 0);  
box-shadow:4px 4px 4px 4px rgb(241, 73, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 114.9100, -56.6506, 110.5809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 73, 0) }
```

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

```
.background{ background-color: rgb(241, 73,  
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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