

Converting Colors

YUV(135.4640, -56.9238,
104.8331)

Have a look what the booklet for
YUV(135.4640, -56.9238, 104.8331)
contains.

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Color

**YUV(135.4640, -56.9238,
104.8331)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6114
RGB	255, 97, 20
RGB Percent	100%, 38%, 8%
CMY	0.0000, 0.6196, 0.9216
CMYK	0.00, 0.62, 0.92, 0.00
HSL	20°, 100%, 54%
HSV	20°, 92%, 100%
XYZ	45.6410, 29.8599, 4.0198
YIQ	135.4640, 118.8850, 9.5490

Conversions

Conversions Part 2

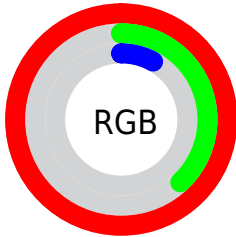
Format	Color
R_{YB}	255, 135, 20
Decimal	16736532
CIE Lab	61.53, 57.34, 67.08
CIE LCh	62, 88.252, 49.475
Yxy	29.8599, 0.5740, 0.3755
Android (android.graphics.Color)	4294926612 (0xFFFF6114)
YUV	135.4640, -56.9238, 104.8331
Hunter-Lab	54.6442, 53.4628, 33.8894

Details

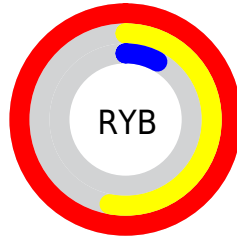
The YUV color **135.4640, -56.9238, 104.8331** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **139.5360, 56.9238, -104.8331**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8340, -48.2322, 70.3056**, and **79.1160, -39.0042, 97.2453** is the 20% darker color. If you saturate the color by 10%, you get **125.5530, -61.8976, 113.5250**, and if you desaturate by 10%, it is **148.4070, -50.4867, 93.4821**.

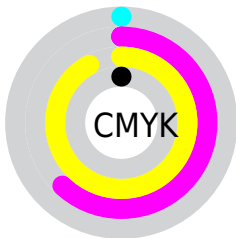
Distribution



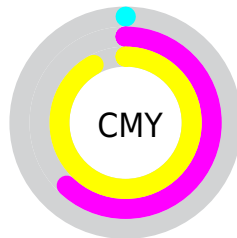
- Red (100%)
- Green (38%)
- Blue (8%)



- Red (100%)
- Yellow (53%)
- Blue (8%)



- Cyan (0%)
- Magenta (62%)
- Yellow (92%)
- Black (0%)




- Cyan (0%)
- Magenta (62%)
- Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.4640, -56.9238, 104.8331 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 135.4640, -56.9238, 104.8331 by changing the saturation by 10% instead.


 135.4640,
-56.9238, 104.8331


 135.4640,
-56.9238, 104.8331


255.0000, 0.0000,
0.0000


 106.8810,
-52.6923, 100.9594


 174.8340,
-48.2322, 70.3056


 79.1160, -39.0042,
97.2453


 194.2340,
-44.9784, 53.2918

 46.9430, -23.1429,
96.5200


 214.3350,
-41.5772, 35.6632

 37.6740, -18.5733,
77.4619

 234.4360,
-38.1759, 18.0346

 28.4050, -14.0037,
58.4038

 247.0200,
-30.5759, 6.9985

 19.9620, -8.8553,
40.3753

 250.2120,

 10.5790, -4.7224,

-18.3455, 4.1991

21.4172

253.5180, -5.6784,
1.2997

0.0000, 0.0000,
0.0000

135.4640,
-56.9238, 104.8331

135.4640,
-56.9238, 104.8331

125.5530,
-61.8976, 113.5250

148.4070,
-50.4867, 93.4821

161.2360,
-44.4863, 82.2310

174.1790,
-38.0492, 70.8800

187.5950,
-32.3383, 59.1142

200.4240,
-26.3380, 47.8632

213.3670,
-19.9009, 36.5121

226.3100,
-13.4638, 25.1611

239.1390, -7.4635,
13.9101

252.0820, -1.0264,
2.5591

Harmonies

Analogous

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



116.6360, -7.2155, 121.3452



135.4640, -56.9238, 104.8331



139.6430, -68.8440, 54.6871

Triad

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



135.4640, -56.9238, 104.8331



118.9980, -0.9850, -104.3612



126.4990, 63.3510, -66.2126

Complementary

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



135.4640, -56.9238, 104.8331



139.5360, 56.9238, -104.8331

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.



126.5120, 63.3446, -110.9510



135.4640, -56.9238, 104.8331



129.5200, 34.2536, -113.5890

Square

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



135.4640, -56.9238, 104.8331



105.2160, -38.5605, -92.2744



134.1430, 59.5825, -117.6434



149.6420, 50.4625, 54.6880

Rectangle

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



135.4640, -56.9238, 104.8331



136.7540, -67.4197, 17.7557



134.1430, 59.5825, -117.6434



117.7070, 67.6854, -103.2290

Sweetspot

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



135.4640, -56.9238, 104.8331



218.7300, -17.1219, 31.8088



108.6190, 35.6838, 128.3761



105.3740, -10.5374, 19.8430



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.



135.4640, -56.9238, 104.8331



125.5530, -61.8976, 113.5250



202.9690, -90.2037, 45.6312



121.2350, -3.0739, 5.9329



94.0900, -46.3864, 84.9901



31.4630, -15.5113, 28.5349

Inverse Universe

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



139.5360, 56.9238, -104.8331



129.4470, 61.8976, -113.5250



72.0310, 90.2037, -45.6312



121.1780, 3.3632, -5.4181



97.4970, 46.0970, -85.5049



32.5370, 15.5113, -28.5349

Previews

White Background



This preview shows how the YUV color 135.4640, -56.9238, 104.8331 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 135.4640, -56.9238, 104.8331 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 135.4640, -56.9238, 104.8331 Background



This preview shows how black text looks on a background with the YUV color 135.4640, -56.9238, 104.8331.



This preview shows how white text looks on a background with the YUV color 135.4640, -56.9238, 104.8331.

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

135.4640, -56.9238, 104.8331

Protanopia

141.2720, -52.8851, 22.5635

Deuteranopia

138.9790, -68.5166, 42.9914



Tritanopia

142.0080, -21.6959, 99.0940

Trichromacy



Original Color

135.4640, -56.9238, 104.8331

Protanomaly

139.1170, -54.2877, 52.5174

Deuteranomaly

137.5610, -64.3666, 65.2830

Tritanomaly

139.4030, -34.2157, 101.3786

Monochromacy



Original Color

135.4640, -56.9238, 104.8331

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.1500, -20.7800, 38.4564

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4640, -56.9238, 104.8331 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(255, 97, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 20)  
}
```

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(255, 97, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 20) }
```

Border

The CSS property to change the border of an element to YUV 135.4640, -56.9238, 104.8331 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(255, 97, 20) }
```


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

```
.border{ border-color:rgb(255, 97, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 97, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 135.4640, -56.9238, 104.8331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 20) }
```

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

```
.background{ background-color: rgb(255, 97,  
20) }
```

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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