

Converting Colors

YUV(115.1150, -50.8357,
112.1551)

Have a look what the booklet for
YUV(115.1150, -50.8357, 112.1551)
contains.

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Color

**YUV(115.1150, -50.8357,
112.1551)**

Conversions

Conversions Part 1

Format	Color
Hex	F3460C
RGB	243, 70, 12
RGB Percent	95%, 27%, 5%
CMY	0.0471, 0.7255, 0.9529
CMYK	0.00, 0.71, 0.95, 0.05
HSL	15°, 91%, 50%
HSV	15°, 95%, 95%
XYZ	39.2187, 23.4615, 2.8093
YIQ	115.1150, 121.7260, 18.6380

Conversions

Conversions Part 2

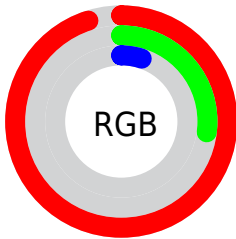
Format	Color
R_{YB}	243, 89, 12
Decimal	15943180
CIE _{Lab}	55.54, 63.86, 64.25
CIE _{LCh}	56, 90.589, 45.178
Yxy	23.4615, 0.5989, 0.3582
Android (android.graphics.Color)	4294133260 (0xFFFF3460C)
YUV	115.1150, -50.8357, 112.1551
Hunter-Lab	48.4371, 59.7633, 30.4672

Details

The YUV color **115.1150, -50.8357, 112.1551** 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 **139.8850, 50.8357, -112.1551**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1330, -44.9286, 84.0754**, and **52.9230, -26.0910, 108.8155** is the 20% darker color. If you saturate the color by 10%, you get **108.4640, -53.4728, 117.9881**, and if you desaturate by 10%, it is **128.4170, -45.5616, 100.4893**.

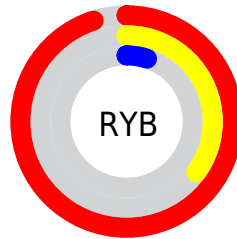
Distribution



Red (95%)

Green (27%)

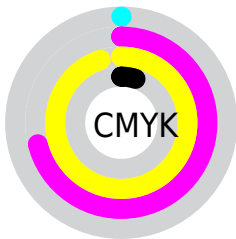
Blue (5%)



Red (95%)

Yellow (35%)

Blue (5%)

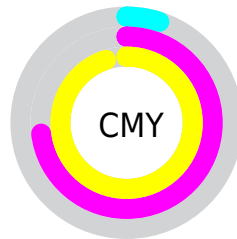


Cyan (0%)

Magenta (71%)

Yellow (95%)

Black (5%)



Cyan (5%)

Magenta (73%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.1150, -50.8357, 112.1551 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 115.1150, -50.8357, 112.1551 by changing the saturation by 10% instead.

115.1150,
-50.8357, 112.1551

115.1150,
-50.8357, 112.1551

255.0000, 0.0000,
0.0000

83.9220, -41.3735,
110.5704

159.1330,
-44.9286, 84.0754

52.9230, -26.0910,
108.8155

179.1200,
-41.9642, 66.5468

43.3550, -21.3740,
89.1427

199.1070,
-38.9998, 49.0182

33.7870, -16.6570,
69.4698

219.2080,
-35.5985, 31.3896

24.6320, -11.6506,
50.3117

240.0100,
-32.0499, 13.1462


16.0750, -6.9390,
32.3832

249.0720,


1.1960, -0.5896,


-22.7135, 5.1989

2.4591


 252.2640,
-10.4832, 2.3995

 0.0000, 0.0000,
0.0000


 115.1150,
-50.8357, 112.1551

 115.1150,
-50.8357, 112.1551


 108.4640,
-53.4728, 117.9881

 128.4170,
-45.5616, 100.4893

 141.8330,
-39.8507, 88.7235

 155.7220,
-34.8659, 76.5428

 169.0240,
-29.5918, 64.8770

 182.3260,
-24.3177, 53.2111

■ 195.7420,
-18.6068, 41.4453

■ 209.0440,
-13.3327, 29.7794

■ 222.9330, -8.3480,
17.5988

■ 236.3490, -2.6371,
5.8329

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



115.1150, -50.8357, 112.1551



125.2120, -61.7295, 59.4501

Triad

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



115.1150, -50.8357, 112.1551



105.9410, -7.8589, -92.9103



105.3800, 73.7627, -92.4183

Complementary

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



115.1150, -50.8357, 112.1551



139.8850, 50.8357, -112.1551

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.



119.4680, 66.8173, -104.7734



115.1150, -50.8357, 112.1551



116.4630, 27.3797, -102.1381

Square

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



115.1150, -50.8357, 112.1551



91.5720, -45.1450, -80.3086



124.0840, 59.1186, -108.8217



133.5310, 55.4472, 42.5073

Rectangle

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



115.1150, -50.8357, 112.1551



124.0950, -61.1788, 22.7187



124.0840, 59.1186, -108.8217



111.2500, 70.8688, -97.5662

Sweetspot

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



115.1150, -50.8357, 112.1551



214.2790, -16.4065, 35.7123



100.7910, 41.5150, 124.7173



102.9120, -9.8166, 22.0022



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.



115.1150, -50.8357, 112.1551



113.8130, -56.1098, 123.8210



182.6200, -84.1157, 52.9533



115.3490, -2.6371, 5.8329



83.2030, -41.0191, 90.1530



26.4460, -13.0379, 28.5499

Inverse Universe

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



139.8850, 50.8357, -112.1551



141.1870, 56.1098, -123.8210



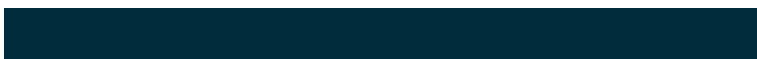
72.3800, 84.1157, -52.9533



116.6510, 2.6371, -5.8329



102.7970, 41.0191, -90.1530



32.5540, 13.0379, -28.5499

Previews

White Background



This preview shows how the YUV color 115.1150, -50.8357, 112.1551 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 115.1150, -50.8357, 112.1551 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 115.1150, -50.8357, 112.1551 Background



This preview shows how black text looks on a background with the YUV color 115.1150, -50.8357, 112.1551.



This preview shows how white text looks on a background with the YUV color 115.1150, -50.8357, 112.1551.

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

115.1150, -50.8357, 112.1551

Protanopia

126.9280, -47.7855, 20.2341

Deuteranopia

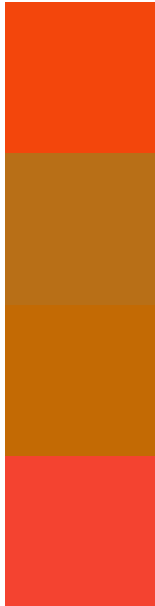
124.7810, -61.5170, 37.9031



Tritanopia

118.8630, -25.0755, 109.7451

Trichromacy



Original Color

115.1150, -50.8357, 112.1551

Protanomaly

122.7950, -49.1989, 53.6768

Deuteranomaly

120.9830, -57.6726, 64.9129

Tritanomaly

117.7570, -34.3902, 110.7151

Monochromacy



Original Color

115.1150, -50.8357, 112.1551

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.4430, -18.4594, 40.8305

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1150, -50.8357, 112.1551 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(243, 70, 12)` looks like.

```
.text, #text, p{  
    color:rgb(243, 70, 12)  
}
```

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(243, 70, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 70, 12) }
```

Border

The CSS property to change the border of an element to YUV 115.1150, -50.8357, 112.1551 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(243, 70, 12) }
```


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

```
.border{ border-color:rgb(243, 70, 12) }
```

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

Here you see how a box with a 4 pixel rgb(243, 70, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 70, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 70, 12);  
box-shadow:4px 4px 4px 4px rgb(243, 70,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 115.1150, -50.8357, 112.1551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 70, 12) }
```

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

```
.background{ background-color: rgb(243, 70,  
12) }
```

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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