

Converting Colors

YUV(116.5510, -38.7256,
101.2488)

Have a look what the booklet for
YUV(116.5510, -38.7256, 101.2488)
contains.

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Color

**YUV(116.5510, -38.7256,
101.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	E84926
RGB	232, 73, 38
RGB Percent	91%, 29%, 15%
CMY	0.0902, 0.7137, 0.8510
CMYK	0.00, 0.69, 0.84, 0.09
HSL	11°, 81%, 53%
HSV	11°, 84%, 91%
XYZ	36.0111, 22.0608, 4.1939
YIQ	116.5510, 105.9990, 22.8230

Conversions

Conversions Part 2

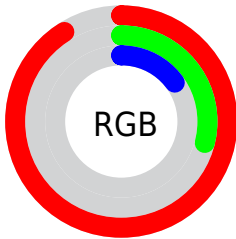
Format	Color
R_{YB}	232, 81, 38
Decimal	15223078
CIE _{Lab}	54.09, 59.68, 53.30
CIE _{LCh}	54, 80.021, 41.769
Yxy	22.0608, 0.5783, 0.3543
Android (android.graphics.Color)	4293413158 (0xFFE84926)
YUV	116.5510, -38.7256, 101.2488
Hunter-Lab	46.9690, 54.6603, 27.5842

Details

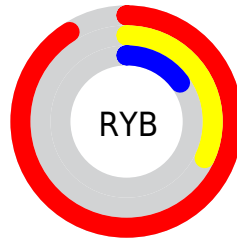
The YUV color **116.5510, -38.7256, 101.2488** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **153.4490, 38.7256, -101.2488**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4730, -37.2082, 81.1462**, and **50.2320, -24.7644, 103.2825** is the 20% darker color. If you saturate the color by 10%, you get **102.7760, -43.2736, 113.3294**, and if you desaturate by 10%, it is **130.3260, -34.1777, 89.1681**.

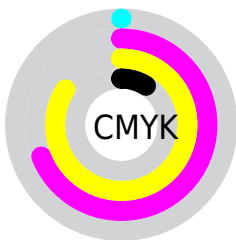
Distribution



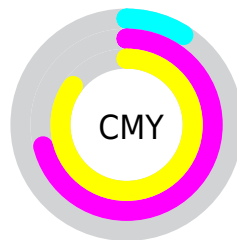
- Red (91%)
- Green (29%)
- Blue (15%)



- Red (91%)
- Yellow (32%)
- Blue (15%)



- Cyan (0%)
- Magenta (69%)
- Yellow (84%)
- Black (9%)





- Cyan (9%)
- Magenta (71%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.5510, -38.7256, 101.2488 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 116.5510, -38.7256, 101.2488 by changing the saturation by 10% instead.


 116.5510,
-38.7256, 101.2488


 116.5510,
-38.7256, 101.2488


255.0000, 0.0000,
0.0000

 85.8220, -36.3942,
100.1341


 162.4730,
-37.2082, 81.1462


 50.2320, -24.7644,
103.2825


 181.7590,
-34.3912, 64.2324


 40.6640, -20.0474,
83.6097


 201.7460,
-31.4268, 46.7038

 31.3950, -15.4777,
64.5516

 221.8470,
-28.0256, 29.0752

 22.5390, -10.6187,
46.0083

 242.0620,
-24.1876, 11.3466

 13.9820, -5.9071,
28.0798

 251.1240,

 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 116.5510,
-38.7256, 101.2488

■ 116.5510,
-38.7256, 101.2488

■ 102.7760,
-43.2736, 113.3294

■ 130.3260,
-34.1777, 89.1681


■ 94.0220, -46.3528,
121.0067

■ 144.1010,
-29.6298, 77.0874

■ 157.9900,
-24.6451, 64.9068

■ 171.7650,
-20.0971, 52.8261

■ 185.5400,
-15.5492, 40.7454

 199.3150,
-11.0013, 28.6647

 213.0900, -6.4534,
16.5841

 226.9790, -1.4686,
4.4034

 240.7540, 3.0793,
-7.6773

Harmonies

Analogous

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



104.9060, 0.0463, 125.4934



116.5510, -38.7256, 101.2488



121.3800, -59.8403, 60.1797

Triad

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



116.5510, -38.7256, 101.2488



101.0340, -8.8908, -88.6068



104.7930, 74.0521, -91.9035

Complementary

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



116.5510, -38.7256, 101.2488



153.4490, 38.7256, -101.2488

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.



116.5330, 68.2642, -102.1994



116.5510, -38.7256, 101.2488



111.1170, 22.1273, -97.4496

Square

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



116.5510, -38.7256, 101.2488



100.6190, -49.6052, -49.6549



117.3530, 51.0980, -102.9186



131.7650, 50.4019, 27.3931

Rectangle

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



116.5510, -38.7256, 101.2488



120.8830, -59.5953, 28.1666



117.3530, 51.0980, -102.9186



109.4890, 71.7369, -96.0219

Sweetspot

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



116.5510, -38.7256, 101.2488



217.1800, -12.9067, 33.1681



114.4740, 42.1643, 103.0703



104.7700, -7.7746, 20.3727



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.



116.5510, -38.7256, 101.2488



103.2470, -50.9008, 133.0874



171.7290, -65.9284, 52.8577



107.7620, -2.3477, 6.3477



72.3050, -35.6464, 93.5715



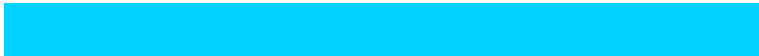
20.5320, -10.1223, 26.7204

Inverse Universe

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



153.4490, 38.7256, -101.2488



151.7530, 50.9008, -133.0874



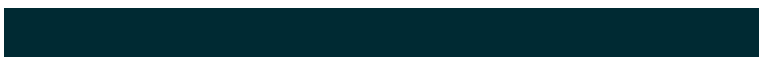
98.2710, 65.9284, -52.8577



110.2380, 2.3477, -6.3477



106.1080, 35.9358, -93.0567



30.4680, 10.1223, -26.7204

Previews

White Background



This preview shows how the YUV color 116.5510, -38.7256, 101.2488 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 116.5510, -38.7256, 101.2488 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 116.5510, -38.7256, 101.2488 Background



This preview shows how black text looks on a background with the YUV color 116.5510, -38.7256, 101.2488.



This preview shows how white text looks on a background with the YUV color 116.5510, -38.7256, 101.2488.

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

116.5510, -38.7256, 101.2488

Protanopia

125.7070, -35.8446, 16.9200

Deuteranopia

123.2890, -51.9075, 35.7035



Tritanopia

118.3780, -22.8644, 100.5235

Trichromacy



Original Color

116.5510, -38.7256, 101.2488

Protanomaly

122.3780, -36.6684, 47.9035

Deuteranomaly

120.9960, -47.3260, 59.6395

Tritanomaly

117.5970, -28.3953, 101.2084

Monochromacy



Original Color

116.5510, -38.7256, 101.2488

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8600, -14.2280, 36.9568

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5510, -38.7256, 101.2488 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(232, 73, 38)` looks like.

```
.text, #text, p{  
    color:rgb(232, 73, 38)  
}
```

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(232, 73, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 73, 38) }
```

Border

The CSS property to change the border of an element to YUV 116.5510, -38.7256, 101.2488 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(232, 73, 38) }
```


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

```
.border{ border-color:rgb(232, 73, 38) }
```

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

Here you see how a box with a 4 pixel rgb(232, 73, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 73, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 73, 38);  
box-shadow:4px 4px 4px 4px rgb(232, 73,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 116.5510, -38.7256, 101.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 73, 38) }
```

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

```
.background{ background-color: rgb(232, 73,  
38) }
```

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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