

Converting Colors

YUV(111.6130, -46.1512,
102.9484)

Have a look what the booklet for
YUV(111.6130, -46.1512, 102.9484)
contains.

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Color

**YUV(111.6130, -46.1512,
102.9484)**

Conversions

Conversions Part 1

Format	Color
Hex	E54612
RGB	229, 70, 18
RGB Percent	90%, 27%, 7%
CMY	0.1020, 0.7255, 0.9294
CMYK	0.00, 0.69, 0.92, 0.10
HSL	15°, 85%, 48%
HSV	15°, 92%, 90%
XYZ	34.6124, 21.0820, 2.8172
YIQ	111.6130, 111.4560, 17.5360

Conversions

Conversions Part 2

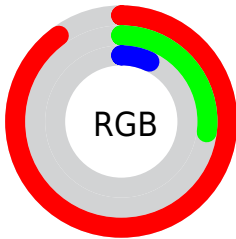
Format	Color
R_{YB}	229, 87, 18
Decimal	15025682
CIE _{Lab}	53.04, 59.47, 59.88
CIE _{LCh}	53, 84.395, 45.195
Yxy	21.0820, 0.5915, 0.3603
Android (android.graphics.Color)	4293215762 (0xFFE54612)
YUV	111.6130, -46.1512, 102.9484
Hunter-Lab	45.9151, 54.2080, 28.5027

Details

The YUV color **111.6130, -46.1512, 102.9484** 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 **135.3870, 46.1512, -102.9484**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.8880, -43.3288, 84.2902**, and **49.0360, -24.1747, 100.8234** is the 20% darker color. If you saturate the color by 10%, you get **101.3430, -49.9621, 111.9552**, and if you desaturate by 10%, it is **124.2140, -41.0245, 91.8973**.

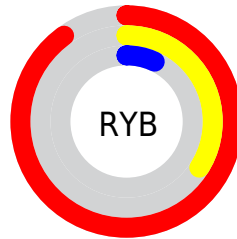
Distribution



Red (90%)

Green (27%)

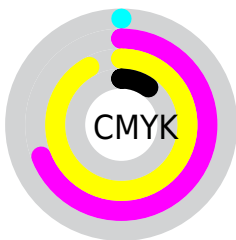
Blue (7%)



Red (90%)

Yellow (34%)

Blue (7%)

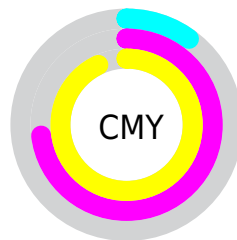


Cyan (0%)

Magenta (69%)

Yellow (92%)

Black (10%)



Cyan (10%)


Magenta (73%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.6130, -46.1512, 102.9484 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 111.6130, -46.1512, 102.9484 by changing the saturation by 10% instead.


 111.6130,
-46.1512, 102.9484


 111.6130,
-46.1512, 102.9484


255.0000, 0.0000,
0.0000


 80.9100, -39.8886,
100.9339


 158.8880,
-43.3288, 84.2902


 49.0360, -24.1747,
100.8234


 178.1740,
-40.5118, 67.3764


 39.4680, -19.4577,
81.1506


 197.5740,
-37.2580, 50.3626

 30.1990, -14.8881,
62.0925

 217.6750,
-33.8568, 32.7340

 21.7560, -9.7397,
44.0640

 238.3630,
-30.7450, 14.5906

 12.6720, -5.7543,
25.7207

 249.1860,

 0.0000, 0.0000,

-22.2767, 5.0989

0.0000

252.4920, -9.6096,
2.1995

111.6130,
-46.1512, 102.9484

111.6130,
-46.1512, 102.9484

101.3430,
-49.9621, 111.9552

124.2140,
-41.0245, 91.8973

137.4020,
-36.1872, 80.3314

150.0030,
-31.0605, 69.2804

162.6040,
-25.9338, 58.2293

175.0910,
-21.2439, 47.2782

■ 188.2790,
-16.4065, 35.7123

■ 200.8800,
-11.2798, 24.6612

■ 213.4810, -6.1531,
13.6102

■ 226.0820, -1.0264,
2.5591

Harmonies

Analogous

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



85.4660, 4.2073, 144.2963



111.6130, -46.1512, 102.9484



119.2870, -58.8085, 55.8763

Triad

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



111.6130, -46.1512, 102.9484



100.9030, -6.8542, -88.4919



101.8580, 75.4990, -89.3295

Complementary

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



111.6130, -46.1512, 102.9484



135.3870, 46.1512, -102.9484

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.



114.7720, 69.1324, -100.6550



111.6130, -46.1512, 102.9484



110.7410, 25.7637, -97.1199

Square

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



111.6130, -46.1512, 102.9484



86.8760, -42.8299, -76.1903



117.0910, 55.1711, -102.6888



127.8420, 50.3639, 39.6036

Rectangle

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



111.6130, -46.1512, 102.9484



117.8930, -58.1212, 22.0188



117.0910, 55.1711, -102.6888



107.1410, 72.8945, -93.9627

Sweetspot

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



111.6130, -46.1512, 102.9484



215.2080, -15.3855, 34.8976



99.5570, 39.6584, 113.5215



103.6130, -9.6692, 21.3874



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.



111.6130, -46.1512, 102.9484



113.2260, -55.8204, 124.3358



172.0740, -75.9585, 49.9241



108.3490, -2.6371, 5.8329



79.3490, -39.1191, 87.3939



22.8800, -11.2798, 24.6612

Inverse Universe

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



135.3870, 46.1512, -102.9484



141.7740, 55.8204, -124.3358



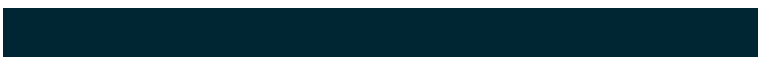
74.9260, 75.9585, -49.9241



109.6510, 2.6371, -5.8329



99.6510, 39.1191, -87.3939



28.1200, 11.2798, -24.6612

Previews

White Background



This preview shows how the YUV color 111.6130, -46.1512, 102.9484 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 111.6130, -46.1512, 102.9484 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 111.6130, -46.1512, 102.9484 Background



This preview shows how black text looks on a background with the YUV color 111.6130, -46.1512, 102.9484.



This preview shows how white text looks on a background with the YUV color 111.6130, -46.1512, 102.9484.

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

111.6130, -46.1512, 102.9484

Protanopia

121.0680, -43.4175, 19.2344

Deuteranopia

119.1660, -58.7488, 36.6884



Tritanopia

115.2640, -23.3012, 100.6235

Trichromacy



Original Color

111.6130, -46.1512, 102.9484

Protanomaly

117.4400, -44.0939, 49.6031

Deuteranomaly

116.2860, -53.8780, 61.1392

Tritanomaly

113.7990, -31.4529, 101.9083

Monochromacy



Original Color

111.6130, -46.1512, 102.9484

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1760, -16.8488, 37.5566

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.6130, -46.1512, 102.9484 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(229, 70, 18)` looks like.

```
.text, #text, p{  
    color:rgb(229, 70, 18)  
}
```

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(229, 70, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 70, 18) }
```

Border

The CSS property to change the border of an element to YUV 111.6130, -46.1512, 102.9484 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(229, 70, 18) }
```


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

```
.border{ border-color:rgb(229, 70, 18) }
```

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

Here you see how a box with a 4 pixel rgb(229, 70, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 70, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 70, 18);  
box-shadow:4px 4px 4px 4px rgb(229, 70,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 111.6130, -46.1512, 102.9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 70, 18) }
```

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

```
.background{ background-color: rgb(229, 70,  
18) }
```

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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