

Converting Colors

YUV(116.1480, -27.6810,
58.6292)

Have a look what the booklet for
YUV(116.1480, -27.6810, 58.6292)
contains.

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Color

**YUV(116.1480, -27.6810,
58.6292)**

Conversions

Conversions Part 1

Format	Color
Hex	B75D3C
RGB	183, 93, 60
RGB Percent	72%, 36%, 24%
CMY	0.2824, 0.6353, 0.7647
CMYK	0.00, 0.49, 0.67, 0.28
HSL	16°, 51%, 48%
HSV	16°, 67%, 72%
XYZ	24.2584, 18.2222, 6.5136
YIQ	116.1480, 64.2330, 8.8170

Conversions

Conversions Part 2

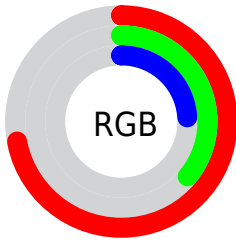
Format	Color
RYB	183, 105, 60
Decimal	12016956
CIELab	49.76, 33.69, 35.17
CIELCh	50, 48.702, 46.227
Yxy	18.2222, 0.4951, 0.3719
Android (android.graphics.Color)	4290207036 (0xFFB75D3C)
YUV	116.1480, -27.6810, 58.6292
Hunter-Lab	42.6875, 26.7346, 20.8342

Details

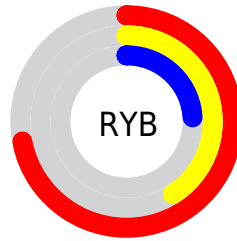
The YUV color **116.1480, -27.6810, 58.6292** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **126.8520, 27.6810, -58.6292**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0840, -30.6074, 63.9473**, and **64.9130, -24.6071, 52.6963** is the 20% darker color. If you saturate the color by 10%, you get **106.4650, -31.7812, 67.1212**, and if you desaturate by 10%, it is **125.8310, -23.5807, 50.1372**.

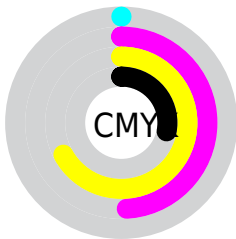
Distribution



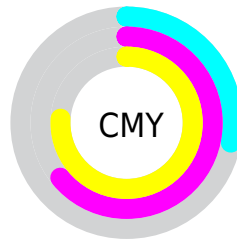
- Red (72%)
- Green (36%)
- Blue (24%)



- Red (72%)
- Yellow (41%)
- Blue (24%)



- Cyan (0%)
- Magenta (49%)
- Yellow (67%)
- Black (28%)





- Cyan (28%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.1480, -27.6810, 58.6292 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 116.1480, -27.6810, 58.6292 by changing the saturation by 10% instead.


 116.1480,
-27.6810, 58.6292


 116.1480,
-27.6810, 58.6292


255.0000, 0.0000,
0.0000


 90.1800, -26.2177,
55.9701


 170.0840,
-30.6074, 63.9473


 64.9130, -24.6071,
52.6963


 192.4850,
-28.8331, 54.8257


 39.5690, -19.5075,
50.3670


 211.8850,
-25.5793, 37.8119

 20.3320, -10.0237,
41.8048

 231.5130,
-21.4519, 20.5981

 13.5690, -6.1965,
27.5650

 250.5540,
-17.0351, 3.8991

 0.0000, 0.0000,
0.0000

 253.7460, -4.8048,

1.0998

■ 116.1480,
-27.6810, 58.6292

■ 116.1480,
-27.6810, 58.6292

■ 106.4650,
-31.7812, 67.1212

■ 125.8310,
-23.5807, 50.1372

■ 96.0810, -36.0289,
76.2280

■ 136.2150,
-19.3330, 41.0304

■ 86.3980, -40.1292,
84.7200

■ 145.8980,
-15.2327, 32.5385

■ 83.4800, -41.1556,
87.2790

■ 156.1680,
-11.4218, 23.5317

■ 165.9650, -6.8847,
14.9397

■ 175.6480, -2.7845,
6.4477

■ 185.9180, 1.0264,
-2.5591

■ 195.6010, 5.1267,
-11.0511

■ 205.9850, 9.3744,
-20.1578

Harmonies

Analogous

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



116.7250, -9.2314, 67.7702



116.1480, -27.6810, 58.6292



114.3890, -40.1248, 36.4928

Triad

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



116.1480, -27.6810, 58.6292



91.4770, 2.7228, -80.2253



114.8940, 40.9713, -27.9710

Complementary

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



116.1480, -27.6810, 58.6292



126.8520, 27.6810, -58.6292

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.



97.8220, 49.8808, -85.7899



116.1480, -27.6810, 58.6292



96.9660, 21.2158, -85.0392

Square

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



116.1480, -27.6810, 58.6292



105.3250, -23.3312, -30.1030



100.0100, 37.9561, -87.7088



122.1410, 26.5525, 23.5553

Rectangle

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



116.1480, -27.6810, 58.6292



112.5130, -41.6649, 17.0901



100.0100, 37.9561, -87.7088



106.5100, 46.5836, -54.8213

Sweetspot

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



116.1480, -27.6810, 58.6292



211.0970, -10.4008, 22.7169



107.0370, 21.1808, 66.6196



104.3670, -6.5899, 13.7101



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



116.1480, -27.6810, 58.6292



132.9320, -43.3505, 91.2676



151.9550, -45.3338, 27.2265



86.8650, -1.9054, 4.5034



71.2980, -35.1499, 74.2837



13.0680, -6.4425, 13.0954

Inverse Universe

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



126.8520, 27.6810, -58.6292



149.6550, 43.0611, -91.7824



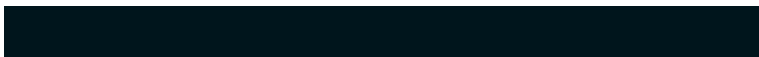
91.0450, 45.3338, -27.2265



87.5480, 2.1948, -3.9886



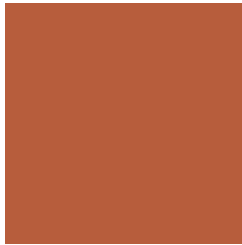
84.7020, 35.1499, -74.2837



15.5190, 6.1531, -13.6102

Previews

White Background



This preview shows how the YUV color 116.1480, -27.6810, 58.6292 looks on a white 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

Black Background



This preview shows how the YUV color 116.1480, -27.6810, 58.6292 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 116.1480, -27.6810, 58.6292

Background



This preview shows how black text looks on a background with the YUV color 116.1480, -27.6810, 58.6292.



This preview shows how white text looks on a background with the YUV color 116.1480, -27.6810,

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

116.1480, -27.6810, 58.6292

Protanopia

116.5890, -23.4614, 11.7614

Deuteranopia

116.6680, -29.9093, 26.6012



Tritanopia

118.3880, -11.5303, 58.4187

Trichromacy



Original Color

116.1480, -27.6810, 58.6292

Protanomaly

116.6450, -24.9680, 28.3753

Deuteranomaly

116.5600, -29.3631, 38.0969

Tritanomaly

117.1940, -17.3506, 58.5889

Monochromacy



Original Color

116.1480, -27.6810, 58.6292

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.2000, -9.9586, 20.8726

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.1480, -27.6810, 58.6292 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(183, 93, 60)` looks like.

```
.text, #text, p{  
    color:rgb(183, 93, 60)  
}
```

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(183, 93, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 93, 60) }
```

Border

The CSS property to change the border of an element to YUV 116.1480, -27.6810, 58.6292 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(183, 93, 60) }
```


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

```
.border{ border-color:rgb(183, 93, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 93, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 93, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 93, 60);  
box-shadow:4px 4px 4px 4px rgb(183, 93,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 116.1480, -27.6810, 58.6292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 93, 60) }
```

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

```
.background{ background-color: rgb(183, 93,  
60) }
```

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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