

Converting Colors

YUV(117.5980, -23.4658,
59.9886)

Have a look what the booklet for
YUV(117.5980, -23.4658, 59.9886)
contains.

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Color

**YUV(117.5980, -23.4658,
59.9886)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5C46
RGB	186, 92, 70
RGB Percent	73%, 36%, 27%
CMY	0.2706, 0.6392, 0.7255
CMYK	0.00, 0.51, 0.62, 0.27
HSL	11°, 46%, 50%
HSV	11°, 62%, 73%
XYZ	25.1823, 18.5356, 8.0448
YIQ	117.5980, 63.0860, 13.0860

Conversions

Conversions Part 2

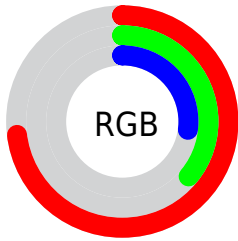
Format	Color
RYB	186, 97, 70
Decimal	12213318
CIELab	50.14, 36.05, 30.11
CIElCh	50, 46.972, 39.868
Yxy	18.5356, 0.4865, 0.3581
Android (android.graphics.Color)	4290403398 (0xFFBA5C46)
YUV	117.5980, -23.4658, 59.9886
Hunter-Lab	43.0530, 29.0646, 19.0582

Details

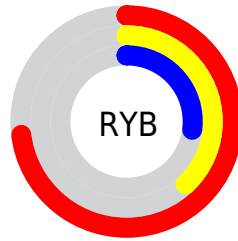
The YUV color **117.5980, -23.4658, 59.9886** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **138.4020, 23.4658, -59.9886**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6480, -25.9555, 65.2067**, and **65.8900, -19.6658, 54.4705** is the 20% darker color. If you saturate the color by 10%, you get **106.6270, -27.4241, 69.6101**, and if you desaturate by 10%, it is **128.5690, -19.5075, 50.3670**.

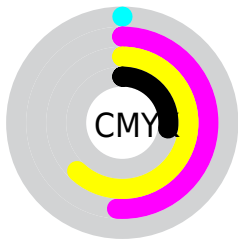
Distribution



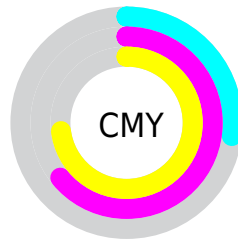
- Red (73%)
- Green (36%)
- Blue (27%)



- Red (73%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (62%)
- Black (27%)



- Cyan (27%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.5980, -23.4658, 59.9886 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 117.5980, -23.4658, 59.9886 by changing the saturation by 10% instead.

■ 117.5980,
-23.4658, 59.9886

■ 117.5980,
-23.4658, 59.9886

■ 255.0000, 0.0000,
0.0000

■ 91.6300, -22.0026,
57.3295

■ 171.6480,
-25.9555, 65.2067

■ 65.8900, -19.6658,
54.4705

■ 193.1520,
-23.7389, 54.2407

■ 38.5200, -18.4974,
53.0410

■ 212.5520,
-20.4851, 37.2269

■ 21.2290, -10.4659,
43.6492

■ 232.1800,
-16.3577, 20.0131

■ 14.2810, -6.0545,
28.6946

■ 251.8080,
-12.2303, 2.7994

■ 0.0000, 0.0000,
0.0000

■ 117.5980,
-23.4658, 59.9886

■ 117.5980,
-23.4658, 59.9886

■ 106.6270,
-27.4241, 69.6101

■ 128.5690,
-19.5075, 50.3670

■ 95.7700, -30.9456,
79.1317

■ 139.4260,
-15.9860, 40.8454

■ 84.7990, -34.9039,
88.7533

■ 150.3970,
-12.0277, 31.2238

■ 76.1590, -37.5464,
96.3306

■ 161.2540, -8.5062,
21.7022

■ 172.2250, -4.5479,
12.0807

■ 183.1960, -0.5896,
2.4591

■ 194.6400, 2.6425,
-7.5773

■ 205.6110, 6.6008,

-17.1988

■ 216.4680, 10.1223,
-26.7204

Harmonies

Analogous

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



118.7400, -5.2948, 65.1260



117.5980, -23.4658, 59.9886



116.3340, -36.6467, 40.9261

Triad

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



117.5980, -23.4658, 59.9886



90.6790, -0.3347, -79.5255



112.4580, 42.1722, -39.8667

Complementary

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



117.5980, -23.4658, 59.9886



138.4020, 23.4658, -59.9886

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.



99.0130, 46.8286, -86.8344



117.5980, -23.4658, 59.9886



96.6410, 17.4320, -84.7542

Square

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



117.5980, -23.4658, 59.9886



108.4680, -26.8527, -20.5814



99.7990, 34.6091, -87.5237



122.6560, 28.7636, 14.3337

Rectangle

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



117.5980, -23.4658, 59.9886



114.6000, -40.2288, 23.1528



99.7990, 34.6091, -87.5237



97.5670, 50.0065, -79.4273

Sweetspot

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



117.5980, -23.4658, 59.9886



215.0370, -9.3852, 23.6466



115.5140, 24.3966, 61.8162



105.8940, -5.8637, 14.1250



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



117.5980, -23.4658, 59.9886



135.0770, -36.5200, 93.7715



151.0570, -39.9611, 30.6450



86.2780, -1.6161, 5.0182



64.2540, -31.6772, 80.4612



11.3070, -5.5744, 14.6398

Inverse Universe

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



138.4020, 23.4658, -59.9886



167.9230, 36.5200, -93.7715



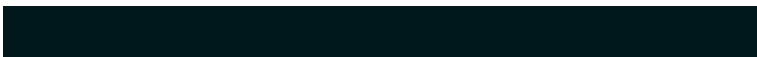
104.9430, 39.9611, -30.6450



88.1350, 1.9054, -4.5034



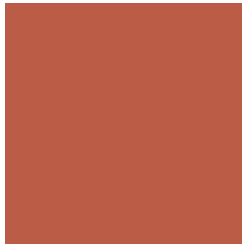
91.7460, 31.6772, -80.4612



16.6930, 5.5744, -14.6398

Previews

White Background



This preview shows how the YUV color 117.5980, -23.4658, 59.9886 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 117.5980, -23.4658, 59.9886 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 117.5980, -23.4658, 59.9886

Background



This preview shows how black text looks on a background with the YUV color 117.5980, -23.4658, 59.9886.



This preview shows how white text looks on a background with the YUV color 117.5980, -23.4658, 59.9886.

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

117.5980, -23.4658, 59.9886

Protanopia

118.5440, -18.5092, 10.0469

Deuteranopia

118.3950, -25.8307, 25.0866



Tritanopia

118.9860, -11.8251, 59.6483

Trichromacy



Original Color

117.5980, -23.4658, 59.9886

Protanomaly

118.1980, -20.3106, 27.8904

Deuteranomaly

117.9990, -25.1425, 37.7119

Tritanomaly

118.5470, -16.0457, 60.0333

Monochromacy



Original Color

117.5980, -23.4658, 59.9886

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2540, -8.5062, 21.7022

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.5980, -23.4658, 59.9886 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(186, 92, 70)` looks like.

```
.text, #text, p{  
    color:rgb(186, 92, 70)  
}
```

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(186, 92, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 92, 70) }
```

Border

The CSS property to change the border of an element to YUV 117.5980, -23.4658, 59.9886 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(186, 92, 70) }
```


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

```
.border{ border-color:rgb(186, 92, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 92, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 92, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 92, 70);  
box-shadow:4px 4px 4px 4px rgb(186, 92,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 117.5980, -23.4658, 59.9886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 92, 70) }
```

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

```
.background{ background-color: rgb(186, 92,  
70) }
```

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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