

Converting Colors

YUV(118.4130, -43.0946,
55.7658)

Have a look what the booklet for
YUV(118.4130, -43.0946, 55.7658)
contains.

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Color

**YUV(118.4130, -43.0946,
55.7658)**

Conversions

Conversions Part 1

Format	Color
Hex	B6671F
RGB	182, 103, 31
RGB Percent	71%, 40%, 12%
CMY	0.2863, 0.5961, 0.8784
CMYK	0.00, 0.43, 0.83, 0.29
HSL	29°, 71%, 42%
HSV	29°, 83%, 71%
XYZ	24.3890, 19.7445, 3.8220
YIQ	118.4130, 70.1960, -5.6440

Conversions

Conversions Part 2

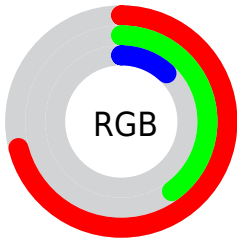
Format	Color
R_{YB}	182, 169, 31
Decimal	11953951
CIE Lab	51.55, 26.58, 50.98
CIE LCh	52, 57.488, 62.465
Yxy	19.7445, 0.5086, 0.4117
Android (android.graphics.Color)	4290144031 (0xFFB6671F)
YUV	118.4130, -43.0946, 55.7658
Hunter-Lab	44.4348, 20.2126, 26.0047

Details

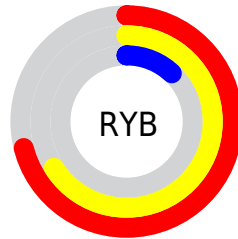
The YUV color **118.4130, -43.0946, 55.7658** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **94.5870, 43.0946, -55.7658**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9900, -44.8581, 61.3988**, and **69.0620, -34.0476, 47.3036** is the 20% darker color. If you saturate the color by 10%, you get **110.4910, -48.0631, 62.7134**, and if you desaturate by 10%, it is **126.3350, -38.1262, 48.8182**.

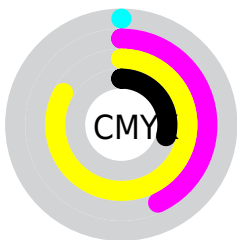
Distribution



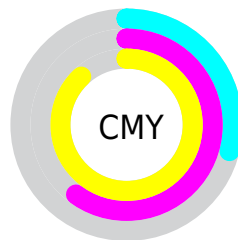
- Red (71%)
- Green (40%)
- Blue (12%)



- Red (71%)
- Yellow (66%)
- Blue (12%)



- Cyan (0%)
- Magenta (43%)
- Yellow (83%)
- Black (29%)





- Cyan (29%)
- Magenta (60%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.4130, -43.0946, 55.7658 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 118.4130, -43.0946, 55.7658 by changing the saturation by 10% instead.


 118.4130,
-43.0946, 55.7658


 118.4130,
-43.0946, 55.7658


255.0000, 0.0000,
0.0000


 91.2340, -44.9784,
53.2918


 172.9900,
-44.8581, 61.3988


 69.0620, -34.0476,
47.3036


 195.2770,
-43.5206, 52.3771

 46.8900, -23.1168,
41.3155

 214.7910,
-39.8300, 35.2633

 24.4300, -12.0440,
36.4569

 234.3050,
-36.1394, 18.1495

 12.8570, -6.3385,
26.4354

 247.3620,
-29.2655, 6.6985

 0.0000, 0.0000,
0.0000

 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

118.4130,
-43.0946, 55.7658

118.4130,
-43.0946, 55.7658

110.4910,
-48.0631, 62.7134

126.3350,
-38.1262, 48.8182

105.4870,
-52.0051, 67.1019

133.6700,
-32.8683, 42.3854

141.7060,
-27.4631, 35.3378

149.0410,
-22.2052, 28.9050

156.9630,
-17.2368, 21.9574

■ 164.2980,
-11.9789, 15.5247

■ 172.2200, -7.0105,
8.5771

■ 179.6690, -1.3158,
2.0443

■ 187.5910, 3.6526,
-4.9033

Harmonies

Analogous

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



118.0500, -22.2096, 77.1321



118.4130, -43.0946, 55.7658



114.3710, -56.3849, 25.1076

Triad

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



118.4130, -43.0946, 55.7658



100.0660, 12.7855, -87.7579



125.1520, 39.8581, 2.4977

Complementary

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



118.4130, -43.0946, 55.7658



94.5870, 43.0946, -55.7658

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.



99.8570, 60.2165, -87.5746



118.4130, -43.0946, 55.7658



104.9510, 34.0412, -92.0420

Square

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



118.4130, -43.0946, 55.7658



91.9040, -8.3337, -80.5998



106.1200, 51.2128, -93.0672



124.4760, 21.9503, 53.0795

Rectangle

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



118.4130, -43.0946, 55.7658



111.6820, -48.1572, -0.5981



106.1200, 51.2128, -93.0672



121.2030, 45.7489, -20.3490

Sweetspot

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



118.4130, -43.0946, 55.7658



212.0770, -16.8000, 21.8575



85.3830, 13.1222, 84.7331



104.7430, -10.2263, 13.3804



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.



118.4130, -43.0946, 55.7658



137.1940, -67.6366, 87.5299



161.8510, -64.5095, 17.6707



88.0390, -2.4842, 3.4738



90.0820, -44.4104, 57.8101



16.0030, -7.8895, 10.5214

Inverse Universe

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



94.5870, 43.0946, -55.7658



99.8060, 67.6366, -87.5299



51.1490, 64.5095, -17.6707



86.3740, 2.7736, -2.9590



65.3310, 44.6998, -57.2953



11.9970, 7.8895, -10.5214

Previews

White Background



This preview shows how the YUV color 118.4130, -43.0946, 55.7658 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 118.4130, -43.0946, 55.7658 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 118.4130, -43.0946, 55.7658

Background



This preview shows how black text looks on a background with the YUV color 118.4130, -43.0946, 55.7658.



This preview shows how white text looks on a background with the YUV color 118.4130, -43.0946,

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

118.4130, -43.0946, 55.7658

Protanopia

118.1540, -40.5019, 17.4049

Deuteranopia

118.0590, -46.3711, 33.2743



Tritanopia

123.4090, -10.0616, 54.0153

Trichromacy



Original Color

118.4130, -43.0946, 55.7658

Protanomaly

118.0140, -41.4189, 31.5597

Deuteranomaly

118.1570, -44.9404, 41.0813

Tritanomaly

121.9070, -22.1392, 54.4556

Monochromacy



Original Color

118.4130, -43.0946, 55.7658

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2940, -15.9209, 19.9132

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4130, -43.0946, 55.7658 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(182, 103, 31)` looks like.

```
.text, #text, p{  
    color:rgb(182, 103, 31)  
}
```

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(182, 103, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 103, 31) }
```

Border

The CSS property to change the border of an element to YUV 118.4130, -43.0946, 55.7658 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(182, 103, 31) }
```


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

```
.border{ border-color:rgb(182, 103, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 103, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 103, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 103, 31);  
box-shadow:4px 4px 4px 4px rgb(182, 103,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 118.4130, -43.0946, 55.7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 103, 31) }
```

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

```
.background{ background-color: rgb(182,  
103, 31) }
```

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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