

Converting Colors

YUV(63.7880, -11.2345,
103.6719)

Have a look what the booklet for
YUV(63.7880, -11.2345, 103.6719)
contains.

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Color

**YUV(63.7880, -11.2345,
103.6719)**

Conversions

Conversions Part 1

Format	Color
Hex	B60829
RGB	182, 8, 41
RGB Percent	71%, 3%, 16%
CMY	0.2863, 0.9686, 0.8392
CMYK	0.00, 0.96, 0.77, 0.29
HSL	349°, 92%, 37%
HSV	349°, 96%, 71%
XYZ	19.7785, 10.2788, 3.0394
YIQ	63.7880, 93.1110, 47.1510

Conversions

Conversions Part 2

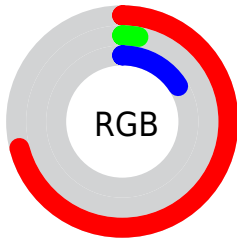
Format	Color
RYB	182, 8, 41
Decimal	11929641
CIELab	38.34, 62.08, 33.02
CIELCh	38, 70.311, 28.008
Yxy	10.2788, 0.5976, 0.3106
Android (android.graphics.Color)	4290119721 (0xFFB60829)
YUV	63.7880, -11.2345, 103.6719
Hunter-Lab	32.0606, 54.0120, 16.8217

Details

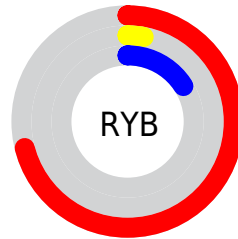
The YUV color **63.7880, -11.2345, 103.6719** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **126.2120, 11.2345, -103.6719**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7800, -22.5695, 99.2939**, and **35.8800, -17.6888, 73.7732** is the 20% darker color. If you saturate the color by 10%, you get **58.4080, -11.5401, 108.3902**, and if you desaturate by 10%, it is **76.0640, -9.8916, 92.9059**.

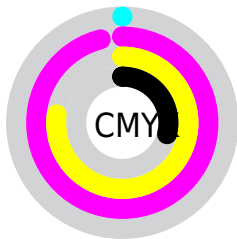
Distribution



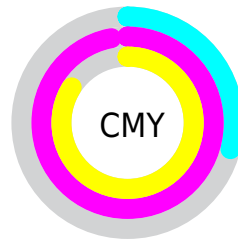
- Red (71%)
- Green (3%)
- Blue (16%)



- Red (71%)
- Yellow (3%)
- Blue (16%)



- Cyan (0%)
- Magenta (96%)
- Yellow (77%)
- Black (29%)





- Cyan (29%)
- Magenta (97%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 63.7880, -11.2345, 103.6719 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 63.7880, -11.2345, 103.6719 by changing the saturation by 10% instead.


 63.7880, -11.2345,
103.6719

 63.7880, -11.2345,
103.6719


255.0000, 0.0000,
0.0000


 47.5430, -13.0857,
90.7318


 131.7800,
-22.5695, 99.2939

 35.8800, -17.6888,
73.7732


 154.6430,
-21.5160, 88.0131


 26.6110, -13.1192,
54.7152

 173.9290,
-18.6990, 71.0993

 18.5810, -7.6814,
37.2015

 194.0300,
-15.2978, 53.4707

 7.2900, -3.1010,
14.6547

 214.1310,
-11.8966, 35.8421

 0.0000, 0.0000,
0.0000

 234.3460, -8.0586,

18.1136

253.9740, -3.9312,
0.8998

63.7880, -11.2345,
103.6719

63.7880, -11.2345,
103.6719

58.4080, -11.5401,
108.3902

76.0640, -9.8916,
92.9059

88.2260, -8.9854,
82.2398

101.0890, -7.9319,
70.9589

113.3650, -6.5889,
60.1929

125.6410, -5.2460,
49.4268

■ 137.8030, -4.3399,
38.7608

■ 150.0790, -2.9969,
27.9947

■ 162.9420, -1.9434,
16.7139

■ 175.2180, -0.6005,
5.9478

Harmonies

Analogous

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



66.0740, 15.2465, 103.4211



63.7880, -11.2345, 103.6719



81.8640, -40.3590, 65.0173

Triad

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



63.7880, -11.2345, 103.6719



66.8500, -23.0970, -58.6274



81.5970, 61.3307, -71.5606

Complementary

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



63.7880, -11.2345, 103.6719



126.2120, 11.2345, -103.6719

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.



86.0020, 50.2850, -75.4238



63.7880, -11.2345, 103.6719



76.0210, 4.4266, -66.6704

Square

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



63.7880, -11.2345, 103.6719



76.9170, -37.9201, -17.4672



83.2200, 29.4715, -72.9839



87.2340, 52.1426, -17.7452

Rectangle

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



63.7880, -11.2345, 103.6719



85.8300, -42.3142, 38.7371



83.2200, 29.4715, -72.9839



84.1900, 58.5733, -73.8346

Sweetspot

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



63.7880, -11.2345, 103.6719



190.1130, -4.4927, 41.1199



69.3970, 55.5133, 68.0578



91.4700, -2.6967, 25.0208



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.



63.7880, -11.2345, 103.6719



75.9930, -15.2795, 141.2031



90.5500, -40.6972, 80.2016



85.8050, -0.8899, 5.4330



50.0640, -9.8916, 92.9059



8.9420, -1.9434, 16.7139

Inverse Universe

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



63.7880, -11.2345, 103.6719



75.9930, -15.2795, 141.2031



99.4500, 40.6972, -80.2017



85.8050, -0.8899, 5.4330



50.0640, -9.8916, 92.9059



8.9420, -1.9434, 16.7139

Previews

White Background



This preview shows how the YUV color 63.7880, -11.2345, 103.6719 looks on a white background.

Color Contrast Check

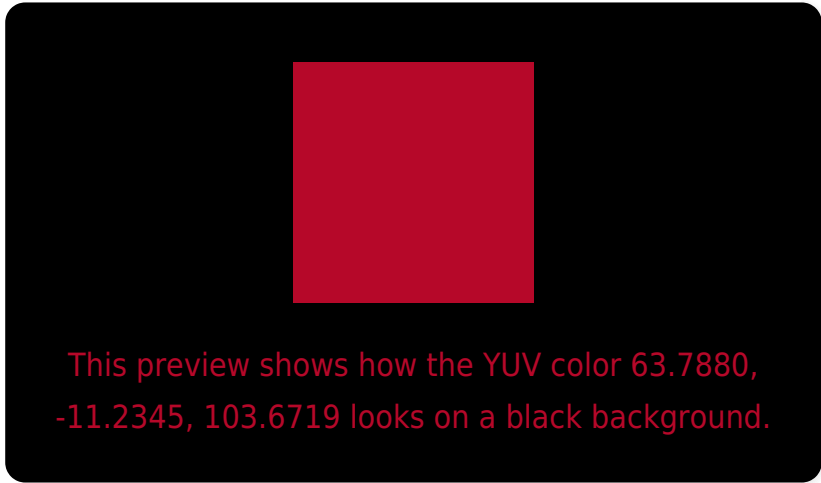
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 63.7880, -11.2345, 103.6719

Background



This preview shows how black text looks on a background with the YUV color 63.7880, -11.2345, 103.6719.



This preview shows how white text looks on a background with the YUV color 63.7880, -11.2345,

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

63.7880, -11.2345, 103.6719

Protanopia

90.9720, -14.2832, 7.9176

Deuteranopia

89.6460, -29.8985, 23.1125



Tritanopia

66.2380, -27.2323, 101.5233

Trichromacy



Original Color

63.7880, -11.2345, 103.6719

Protanomaly

80.8330, -13.2287, 43.1195

Deuteranomaly

80.2550, -23.2967, 52.3964

Tritanomaly

65.1440, -21.2700, 102.4827

Monochromacy



Original Color

63.7880, -11.2345, 103.6719

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2050, -4.0451, 37.5312

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7880, -11.2345, 103.6719 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, 8, 41)` looks like.

```
.text, #text, p{  
    color:rgb(182, 8, 41)  
}
```

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, 8, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 8, 41) }
```

Border

The CSS property to change the border of an element to YUV 63.7880, -11.2345, 103.6719 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, 8, 41) }
```


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

```
.border{ border-color:rgb(182, 8, 41) }
```

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

Here you see how a box with a 4 pixel rgb(182, 8, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 8, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 8, 41);  
box-shadow:4px 4px 4px 4px rgb(182, 8, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.7880, -11.2345, 103.6719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 8, 41) }
```

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

```
.background{ background-color: rgb(182, 8,  
41) }
```

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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