

Converting Colors

YUV(58.7880, -21.5875,
64.2069)

Have a look what the booklet for
YUV(58.7880, -21.5875, 64.2069)
contains.

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Color

**YUV(58.7880, -21.5875,
64.2069)**

Conversions

Conversions Part 1

Format	Color
Hex	841E0F
RGB	132, 30, 15
RGB Percent	52%, 12%, 6%
CMY	0.4824, 0.8824, 0.9412
CMYK	0.00, 0.77, 0.89, 0.48
HSL	8°, 80%, 29%
HSV	8°, 89%, 52%
XYZ	10.0662, 5.8686, 1.0541
YIQ	58.7880, 65.6070, 16.9590

Conversions

Conversions Part 2

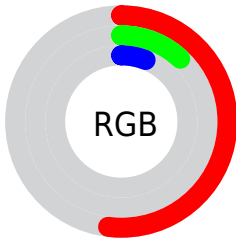
Format	Color
RYB	132, 32, 15
Decimal	8658447
CIELab	29.08, 42.26, 35.10
CIELCh	29, 54.932, 39.709
Yxy	5.8686, 0.5925, 0.3454
Android (android.graphics.Color)	4286848527 (0xFF841E0F)
YUV	58.7880, -21.5875, 64.2069
Hunter-Lab	24.2251, 31.7777, 14.3776

Details

The YUV color **58.7880, -21.5875, 64.2069** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **88.2120, 21.5875, -64.2069**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8550, -26.5505, 69.4102**, and **22.1260, -10.9081, 45.4935** is the 20% darker color. If you saturate the color by 10%, you get **50.2620, -23.7932, 71.6842**, and if you desaturate by 10%, it is **67.3140, -19.3818, 56.7296**.

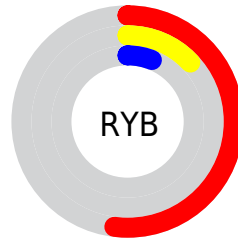
Distribution



Red (52%)

Green (12%)

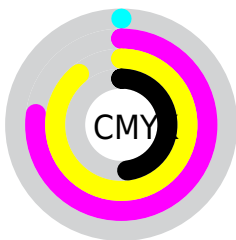
Blue (6%)



Red (52%)

Yellow (13%)

Blue (6%)

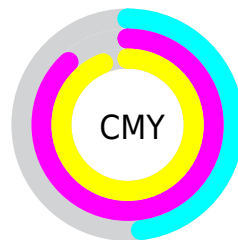


Cyan (0%)

Magenta (77%)

Yellow (89%)

Black (48%)



Cyan (48%)


Magenta (88%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 58.7880, -21.5875, 64.2069 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 58.7880, -21.5875, 64.2069 by changing the saturation by 10% instead.


 58.7880, -21.5875,
64.2069


 58.7880, -21.5875,
64.2069

 253.6320, -5.2416,
1.1997


 30.7970, -15.1829,
63.3220


 112.8550,
-26.5505, 69.4102

 22.1260, -10.9081,
45.4935


 139.8230,
-28.0137, 72.0692

 14.8790, -6.3493,
29.9241

 167.0900,
-29.6244, 75.3431

 0.0000, 0.0000,
0.0000

 187.0880,
-26.6654, 59.5588

 205.9010,
-23.1222, 43.0598

 226.0020,

-19.7210, 25.4312

■ 246.2170,
-15.8830, 7.7027

■ 58.7880, -21.5875,
64.2069

■ 58.7880, -21.5875,
64.2069

■ 50.2620, -23.7932,
71.6842

■ 67.3140, -19.3818,
56.7296

■ 49.4470, -24.3774,
72.3990

■ 75.2530, -16.8867,
49.7671

■ 83.8930, -14.2442,
42.1898

■ 91.8320, -11.7492,
35.2273

■ 100.3580, -9.5435,
27.7500

■ 108.2970, -7.0484,
20.7875

■ 116.8230, -4.8427,
13.3102

■ 124.8760, -1.9109,
6.2477

■ 133.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



48.6570, 4.1131, 80.9848



58.7880, -21.5875, 64.2069



64.5770, -31.8365, 38.0820

Triad

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



58.7880, -21.5875, 64.2069



54.1130, -8.4367, -47.4571



58.6460, 47.0095, -51.4325

Complementary

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



58.7880, -21.5875, 64.2069



88.2120, 21.5875, -64.2069

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.



64.5330, 41.6422, -56.5954



58.7880, -21.5875, 64.2069



59.8300, 10.9298, -52.4709

Square

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



58.7880, -21.5875, 64.2069



52.6410, -25.9520, -29.5032



64.3900, 28.4017, -56.4700



69.5680, 32.2580, 13.5339

Rectangle

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



58.7880, -21.5875, 64.2069



64.7440, -31.9188, 17.7645



64.3900, 28.4017, -56.4700



61.6950, 45.9994, -54.1065

Sweetspot

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



58.7880, -21.5875, 64.2069



142.2760, -8.5171, 25.1909



61.7250, 27.7436, 61.6312



69.7200, -5.2850, 15.1546



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



58.7880, -21.5875, 64.2069



64.0430, -31.5732, 93.8013



92.2470, -38.0828, 34.8634



62.3810, -1.1738, 3.1739



48.8490, -24.0826, 71.1694



0.8970, -0.4422, 1.8443

Inverse Universe

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



88.2120, 21.5875, -64.2069



106.9570, 31.5732, -93.8013



54.7530, 38.0828, -34.8634



63.6190, 1.1738, -3.1739



81.1510, 24.0826, -71.1694



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 58.7880, -21.5875, 64.2069 looks on a white background.

Color Contrast Check

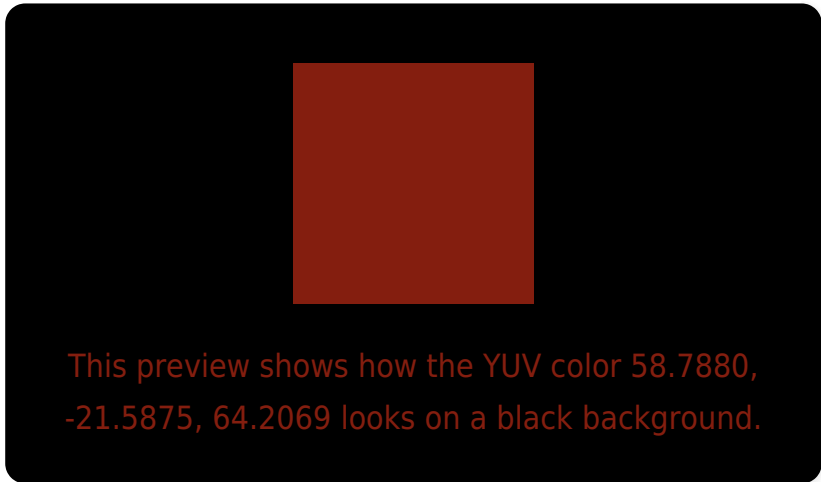
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

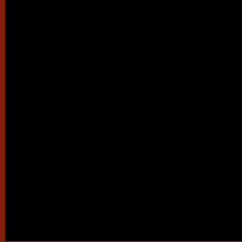
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.7880, -21.5875, 64.2069

Background



This preview shows how black text looks on a background with the YUV color 58.7880, -21.5875, 64.2069.



This preview shows how white text looks on a background with the YUV color 58.7880, -21.5875,

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

58.7880, -21.5875, 64.2069

Protanopia

67.5610, -20.9826, 10.0320

Deuteranopia

65.9400, -32.5084, 20.2236



Tritanopia

59.7970, -15.1829, 63.3220

Trichromacy



Original Color

58.7880, -21.5875, 64.2069

Protanomaly

63.9810, -21.1896, 29.8347

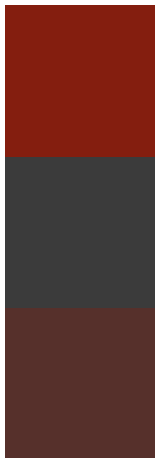
Deuteranomaly

63.6630, -28.9209, 36.2525

Tritanomaly

59.2270, -17.3669, 63.8219

Monochromacy



Original Color

58.7880, -21.5875, 64.2069

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7920, -7.7855, 23.8614

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.7880, -21.5875, 64.2069 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(132, 30, 15)` looks like.

```
.text, #text, p{  
    color:rgb(132, 30, 15)  
}
```

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(132, 30, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 30, 15) }
```

Border

The CSS property to change the border of an element to YUV 58.7880, -21.5875, 64.2069 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(132, 30, 15) }
```


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

```
.border{ border-color:rgb(132, 30, 15) }
```

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

Here you see how a box with a 4 pixel rgb(132, 30, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 30, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 30, 15);  
box-shadow:4px 4px 4px 4px rgb(132, 30,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 58.7880, -21.5875, 64.2069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 30, 15) }
```

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

```
.background{ background-color: rgb(132, 30,  
15) }
```

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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