

Converting Colors

YUV(46.7880, -21.5875,
64.2069)

Have a look what the booklet for
YUV(46.7880, -21.5875, 64.2069)
contains.

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Color

**YUV(46.7880, -21.5875,
64.2069)**

Conversions

Conversions Part 1

Format	Color
Hex	781203
RGB	120, 18, 3
RGB Percent	47%, 7%, 1%
CMY	0.5294, 0.9294, 0.9882
CMYK	0.00, 0.85, 0.98, 0.53
HSL	8°, 95%, 24%
HSV	8°, 98%, 47%
XYZ	7.9785, 4.4323, 0.5211
YIQ	46.7880, 65.6070, 16.9590

Conversions

Conversions Part 2

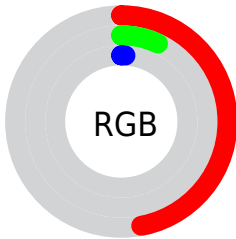
Format	Color
R_{YB}	120, 20, 3
Decimal	7868931
CIE Lab	25.05, 41.98, 35.74
CIE LCh	25, 55.131, 40.410
Yxy	4.4323, 0.6170, 0.3427
Android (android.graphics.Color)	4286059011 (0xFF781203)
YUV	46.7880, -21.5875, 64.2069
Hunter-Lab	21.0529, 30.8039, 13.2694

Details

The YUV color **46.7880, -21.5875, 64.2069** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **76.2120, 21.5875, -64.2069**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.9580, -26.1083, 67.5658**, and **18.8370, -9.2866, 38.7310** is the 20% darker color. If you saturate the color by 10%, you get **44.6850, -22.0297, 66.0513**, and if you desaturate by 10%, it is **54.0260, -19.2398, 57.8592**.

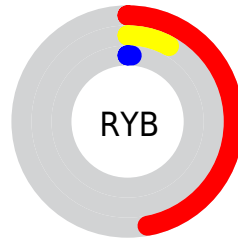
Distribution



Red (47%)

Green (7%)

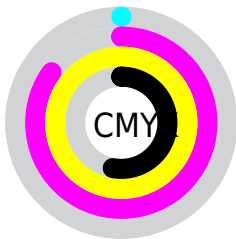
Blue (1%)



Red (47%)

Yellow (8%)

Blue (1%)

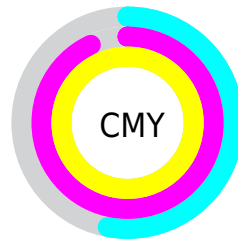


Cyan (0%)

Magenta (85%)

Yellow (98%)

Black (53%)



Cyan (53%)

Magenta (93%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.7880, -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 46.7880, -21.5875, 64.2069 by changing the saturation by 10% instead.

46.7880, -21.5875,
64.2069

46.7880, -21.5875,
64.2069

252.1500,
-10.9200, 2.4994

27.2090, -13.4140,
55.9447

101.9580,
-26.1083, 67.5658

18.8370, -9.2866,
38.7310

129.1110,
-28.1557, 70.9397

10.2800, -4.5750,
20.8024

156.3780,
-29.7664, 74.2135


0.0000, 0.0000,
0.0000


179.2630,
-28.7237, 66.4213


198.0760,
-25.1805, 49.9223


218.1770,


-21.7793, 32.2938


 237.8050,
-17.6519, 15.0800


 46.7880, -21.5875,
64.2069


 46.7880, -21.5875,
64.2069


 44.6850, -22.0297,
66.0513

 54.0260, -19.2398,
57.8592

 61.8510, -17.1815,
50.9967

 69.0890, -14.8339,
44.6489

 76.9140, -12.7756,
37.7864

 84.1520, -10.4279,
31.4387

■ 91.9770, -8.3697,
24.5762

■ 99.2150, -6.0220,
18.2284

■ 107.0400, -3.9637,
11.3659

■ 114.2780, -1.6161,
5.0182

Harmonies

Analogous

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



43.9290, 1.5140, 74.6073



46.7880, -21.5875, 64.2069



56.2930, -27.7524, 34.8230

Triad

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



46.7880, -21.5875, 64.2069



47.3310, -9.0372, -41.5093



52.1090, 44.8093, -45.6996

Complementary

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



46.7880, -21.5875, 64.2069



76.2120, 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.



58.1100, 39.8788, -50.9625



46.7880, -21.5875, 64.2069



52.9340, 9.8925, -46.4231

Square

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



46.7880, -21.5875, 64.2069



42.5740, -20.9890, -34.7064



57.4940, 27.3645, -50.4222



59.7530, 31.6738, 14.2486

Rectangle

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



46.7880, -21.5875, 64.2069



55.8730, -27.5454, 15.0204



57.4940, 27.3645, -50.4222



54.5710, 44.0885, -47.8588

Sweetspot

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



46.7880, -21.5875, 64.2069



127.2760, -8.5171, 25.1909



49.7250, 27.7436, 61.6312



61.7200, -5.2850, 15.1546



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



46.7880, -21.5875, 64.2069



58.3840, -28.7833, 85.6092



80.2470, -38.0828, 34.8634



57.3810, -1.1738, 3.1739



46.7670, -23.0561, 68.6103



94.1320, -46.4071, 138.4502

Inverse Universe

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



76.2120, 21.5875, -64.2069



97.6160, 28.7833, -85.6092



42.7530, 38.0828, -34.8634



58.6190, 1.1738, -3.1739



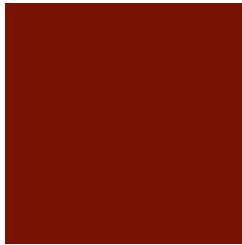
78.2330, 23.0561, -68.6103



157.8680, 46.4071, -138.4502

Previews

White Background



This preview shows how the YUV color 46.7880, -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

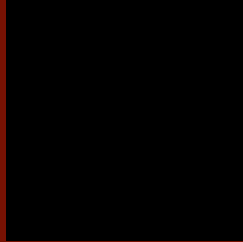
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.7880, -21.5875, 64.2069

Background



This preview shows how black text looks on a background with the YUV color 46.7880, -21.5875, 64.2069.



This preview shows how white text looks on a background with the YUV color 46.7880, -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

46.7880, -21.5875, 64.2069

Protanopia

59.0340, -21.7088, 9.6172

Deuteranopia

57.9550, -28.5718, 17.5795



Tritanopia

47.5690, -16.0565, 63.5220

Trichromacy



Original Color

46.7880, -21.5875, 64.2069

Protanomaly

54.5680, -21.4790, 29.3199

Deuteranomaly

53.7490, -26.0053, 34.4231

Tritanomaly

47.1130, -17.8037, 63.9219

Monochromacy



Original Color

46.7880, -21.5875, 64.2069

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.7920, -7.7855, 23.8614

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.7880, -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(120, 18, 3)` looks like.

```
.text, #text, p{  
    color:rgb(120, 18, 3)  
}
```

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(120, 18, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 18, 3) }
```

Border

The CSS property to change the border of an element to YUV 46.7880, -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(120, 18, 3) }
```


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

```
.border{ border-color:rgb(120, 18, 3) }
```

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

Here you see how a box with a 4 pixel rgb(120, 18, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 18, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 18, 3);  
box-shadow:4px 4px 4px 4px rgb(120, 18, 3)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.7880, -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(120, 18, 3) }
```

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

```
.background{ background-color: rgb(120, 18,  
3) }
```

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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