

Converting Colors

YUV(66.7880, -18.6295, 1.9399)

Have a look what the booklet for
YUV(66.7880, -18.6295, 1.9399)
contains.

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Color

**YUV(66.7880, -18.6295,
1.9399)**

Conversions

Conversions Part 1

Format	Color
Hex	45491D
RGB	69, 73, 29
RGB Percent	27%, 29%, 11%
CMY	0.7294, 0.7137, 0.8863
CMYK	0.05, 0.00, 0.60, 0.71
HSL	65°, 43%, 20%
HSV	65°, 60%, 29%
XYZ	5.0586, 6.1190, 2.0769
YIQ	66.7880, 11.7400, -14.5320

Conversions

Conversions Part 2

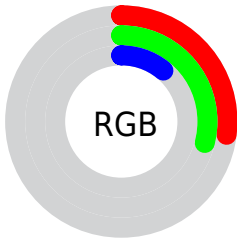
Format	Color
RYB	29, 73, 33
Decimal	4540701
CIELab	29.71, -8.95, 25.37
CIElCh	30, 26.907, 109.436
Yxy	6.1190, 0.3817, 0.4617
Android (android.graphics.Color)	4282730781 (0xFF45491D)
YUV	66.7880, -18.6295, 1.9399
Hunter-Lab	24.7366, -6.7864, 12.3377

Details

The YUV color **66.7880, -18.6295, 1.9399** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **35.2120, 18.6295, -1.9399**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.1580, -19.7979, 3.3694**, and **24.7860, -12.2195, -0.6893** is the 20% darker color. If you saturate the color by 10%, you get **65.6910, -21.5397, 2.0250**, and if you desaturate by 10%, it is **67.8850, -15.7193, 1.8549**.

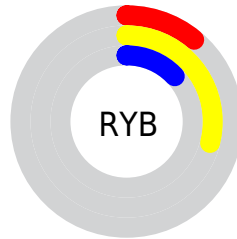
Distribution



Red (27%)

Green (29%)

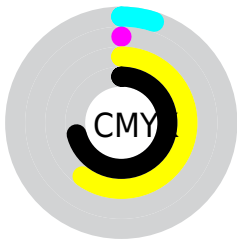
Blue (11%)



Red (11%)

Yellow (29%)

Blue (13%)

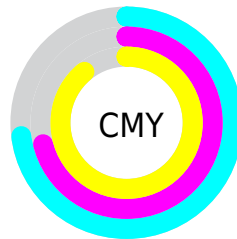


Cyan (5%)

Magenta (0%)

Yellow (60%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.7880, -18.6295, 1.9399 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 66.7880, -18.6295, 1.9399 by changing the saturation by 10% instead.

■ 66.7880, -18.6295,
1.9399

■ 66.7880, -18.6295,
1.9399

■ 255.0000, 0.0000,
0.0000

■ 44.3750, -18.9189,
1.4251

■ 115.1580,
-19.7979, 3.3694

■ 24.7860, -12.2195,
-0.6893

■ 140.9300,
-20.6715, 3.5694

■ 0.0000, 0.0000,
0.0000

■ 167.4030,
-21.3977, 3.1546

■ 194.5880,
-21.9819, 3.8693

■ 222.4740,
-22.4187, 3.9693

■ 249.1860,

-22.2767, 5.0989

252.4920, -9.6096,
2.1995

66.7880, -18.6295,
1.9399

66.7880, -18.6295,
1.9399

65.6910, -21.5397,
2.0250

67.8850, -15.7193,
1.8549

64.7790, -25.0340,
2.8248

68.7970, -12.2249,
1.0550

63.6820, -27.9442,
2.9099

69.8940, -9.3147,
0.9700

62.5850, -30.8544,
2.9950

70.9910, -6.4046,
0.8849

71.9030, -2.9102,
0.0851

■ 73.0000, 0.0000,
0.0000

■ 74.0970, 2.9102,
-0.0851

■ 74.8950, 5.9678,
-0.7849

■ 76.1060, 9.3147,
-0.9700

Harmonies

Analogous

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



68.5450, -19.9887, 17.9390



66.7880, -18.6295, 1.9399



64.0290, -10.8603, -16.6884

Triad

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



66.7880, -18.6295, 1.9399



57.8870, 21.2547, -50.7669



71.3980, 3.2548, 29.4690

Complementary

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



66.7880, -18.6295, 1.9399



35.2120, 18.6295, -1.9399

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.



72.3020, 12.1761, 14.6441



66.7880, -18.6295, 1.9399



57.5870, 26.3326, -46.1188

Square

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



66.7880, -18.6295, 1.9399



57.0090, 12.8136, -49.9969



69.6950, 19.3774, -8.5025



70.2000, -6.5076, 34.0276

Rectangle

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



66.7880, -18.6295, 1.9399



60.1070, -2.5178, -32.5428



69.6950, 19.3774, -8.5025



72.1740, 6.3232, 25.2804

Sweetspot

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



66.7880, -18.6295, 1.9399



91.7630, -7.2782, 1.0848



44.5040, -7.6435, 24.9910



46.5610, -4.2206, 0.3850



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



66.7880, -18.6295, 1.9399



84.4540, -28.8178, 3.1098



60.2100, -15.3865, -11.5852



35.2450, -1.5998, -0.2149



85.0230, -41.9163, 4.3648



194.8430, -96.0576, 9.7847

Inverse Universe

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



35.2120, 18.6295, -1.9399



35.8450, 28.6704, -2.4951



41.7900, 15.3865, 11.5852



32.4560, 1.7472, -0.3999



13.9770, 41.9163, -4.3648



32.1570, 96.0576, -9.7847

Previews

White Background



This preview shows how the YUV color 66.7880, -18.6295, 1.9399 looks on a white background.

Color Contrast Check

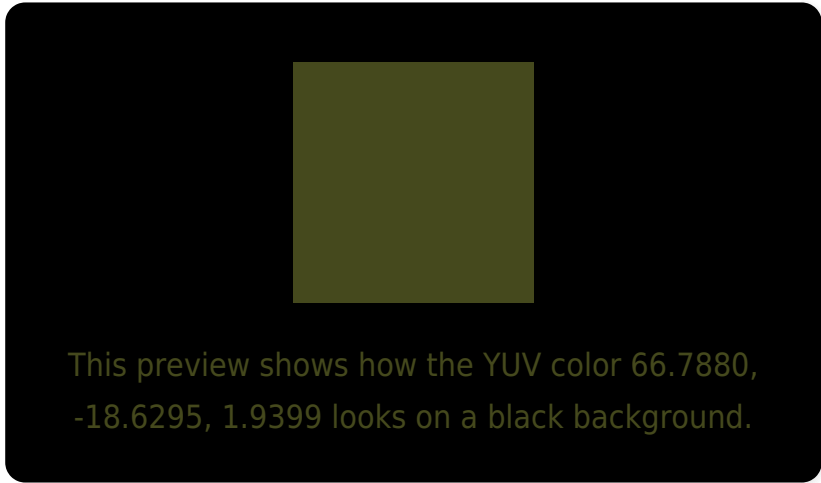
Large Text (above 18pt) WCAG AA ✓ Pass

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

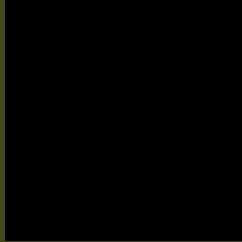
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

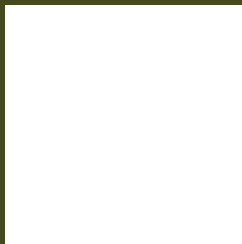
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 66.7880, -18.6295, 1.9399

Background



This preview shows how black text looks on a background with the YUV color 66.7880, -18.6295, 1.9399.



This preview shows how white text looks on a background with the YUV color 66.7880, -18.6295,

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

66.7880, -18.6295, 1.9399

Protanopia

67.6040, -19.5248, 9.1173

Deuteranopia

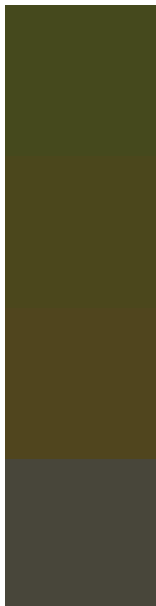
68.8760, -18.6729, 15.8947



Tritanopia

70.4780, 1.7363, 3.0888

Trichromacy



Original Color

66.7880, -18.6295, 1.9399

Protanomaly

67.2940, -19.3719, 6.7582

Deuteranomaly

67.8430, -18.6566, 10.6617

Tritanomaly

69.2300, -5.5364, 2.4293

Monochromacy



Original Color

66.7880, -18.6295, 1.9399

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.8770, -6.8414, 0.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.7880, -18.6295, 1.9399 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(69, 73, 29)` looks like.

```
.text, #text, p{  
    color:rgb(69, 73, 29)  
}
```

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(69, 73, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 73, 29) }
```

Border

The CSS property to change the border of an element to YUV 66.7880, -18.6295, 1.9399 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(69, 73, 29) }
```


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

```
.border{ border-color:rgb(69, 73, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 73, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 73, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 73, 29);  
box-shadow:4px 4px 4px 4px rgb(69, 73, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.7880, -18.6295, 1.9399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 73, 29) }
```

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

```
.background{ background-color: rgb(69, 73,  
29) }
```

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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