

Converting Colors

YUV(67.7880, -1.8675, -7.7071)

Have a look what the booklet for
YUV(67.7880, -1.8675, -7.7071)
contains.

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Color

**YUV(67.7880, -1.8675,
-7.7071)**

Conversions

Conversions Part 1

Format	Color
Hex	3B4940
RGB	59, 73, 64
RGB Percent	23%, 29%, 25%
CMY	0.7686, 0.7137, 0.7490
CMYK	0.19, 0.00, 0.12, 0.71
HSL	141°, 11%, 26%
HSV	141°, 19%, 29%
XYZ	5.1116, 6.0651, 5.7518
YIQ	67.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

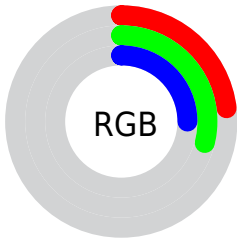
Format	Color
R_{YB}	59, 69, 73
Decimal	3885376
CIE Lab	29.58, -7.72, 3.54
CIE LCh	30, 8.489, 155.382
Yxy	6.0651, 0.3020, 0.3583
Android (android.graphics.Color)	4282075456 (0xFF3B4940)
YUV	67.7880, -1.8675, -7.7071
Hunter-Lab	24.6273, -6.0488, 3.3919

Details

The YUV color **67.7880, -1.8675, -7.7071** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64.2120, 1.8675, 7.7071**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.0760, -2.0095, -8.8367**, and **24.6140, -1.2887, -6.6775** is the 20% darker color. If you saturate the color by 10%, you get **65.1250, -3.0196, -11.5106**, and if you desaturate by 10%, it is **70.4510, -0.7153, -3.9035**.

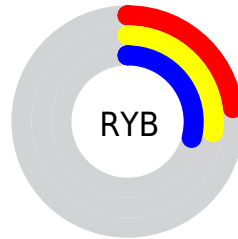
Distribution



Red (23%)

Green (29%)

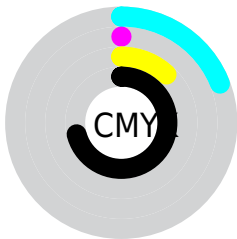
Blue (25%)



Red (23%)

Yellow (27%)

Blue (29%)

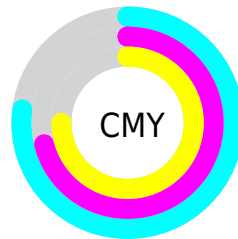


Cyan (19%)

Magenta (0%)

Yellow (12%)

Black (71%)



Cyan (77%)

Magenta (71%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7880, -1.8675, -7.7071 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 67.7880, -1.8675, -7.7071 by changing the saturation by 10% instead.

■ 67.7880, -1.8675,
-7.7071

■ 67.7880, -1.8675,
-7.7071

255.0000, 0.0000,
0.0000

■ 45.2010, -1.5781,
-7.1923

■ 116.0760, -2.0095,
-8.8367

■ 24.6140, -1.2887,
-6.6775

■ 141.3750, -2.1569,
-8.2219

■ 0.0000, 0.0000,
0.0000

■ 167.9620, -2.4463,
-8.7367

■ 194.9620, -2.4463,
-8.7367

■ 222.6630, -2.2989,
-9.3515

■ 249.9020, -1.4307,

-7.8071

■ 67.7880, -1.8675,
-7.7071

■ 67.7880, -1.8675,
-7.7071

■ 65.1250, -3.0196,
-11.5106

■ 70.4510, -0.7153,
-3.9035

■ 62.2770, -3.5876,
-16.0289

■ 73.2990, -0.1474,
0.6148

■ 59.6140, -4.7397,
-19.8325

■ 75.9620, 1.0047,
4.4183

■ 56.9510, -5.8918,
-23.6360

■ 78.6250, 2.1569,
8.2219

■ 54.1030, -6.4598,
-28.1543

■ 81.4730, 2.7248,
12.7402

■ 51.4400, -7.6119,
-31.9579

■ 84.1360, 3.8770,
16.5437

■ 48.7770, -8.7641,
-35.7614

■ 86.7990, 5.0291,
20.3473

■ 46.1140, -9.9162,
-39.5650

■ 89.4620, 6.1812,
24.1508

■ 45.8150, -9.7688,
-40.1798

■ 92.3100, 6.7492,
28.6691

Harmonies

Analogous

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



68.7240, -4.7939, -2.3889



67.7880, -1.8675, -7.7071



67.6780, 1.6377, -11.9956

Triad

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



67.7880, -1.8675, -7.7071



69.6880, 6.5628, -4.9884



70.6270, -4.2531, 10.8511

Complementary

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



67.7880, -1.8675, -7.7071



64.2120, 1.8675, 7.7071

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.



70.8380, -0.9061, 10.6661



67.7880, -1.8675, -7.7071



70.5640, 4.6519, 1.2594

Square

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



67.7880, -1.8675, -7.7071



68.2420, 6.2897, -10.7362



70.9130, 2.0149, 7.0923



69.8610, -5.8475, 8.8919

Rectangle

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



67.7880, -1.8675, -7.7071



66.9490, 3.9691, -13.1103



70.9130, 2.0149, 7.0923



70.5670, -3.2375, 11.7807

Sweetspot

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



67.7880, -1.8675, -7.7071



92.1630, -0.5734, -2.7740



69.9090, -5.3781, -1.6742



46.8750, -0.4314, -1.6444



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.



67.7880, -1.8675, -7.7071



86.1250, -3.0196, -11.5106



68.5860, 1.1901, -8.4069



34.4620, -0.7208, -2.1592



62.2170, -12.9250, -54.5643



142.4830, -30.3111, -124.9576

Inverse Universe

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



64.2120, 1.8675, 7.7071



80.8750, 3.0196, 11.5106



63.4140, -1.1901, 8.4069



33.4240, 0.2840, 2.2592



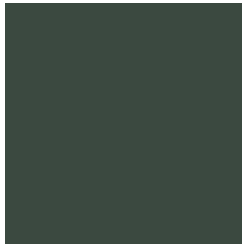
36.8970, 13.3618, 54.4643



84.5170, 30.3111, 124.9576

Previews

White Background



This preview shows how the YUV color 67.7880, -1.8675, -7.7071 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



This preview shows how the YUV color 67.7880, -1.8675, -7.7071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

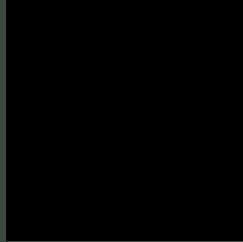
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7880, -1.8675, -7.7071

Background



This preview shows how black text looks on a background with the YUV color 67.7880, -1.8675, -7.7071.



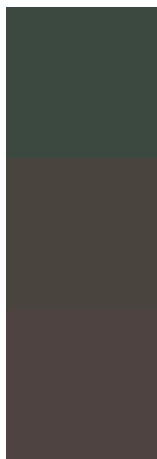
This preview shows how white text looks on a background with the YUV color 67.7880, -1.8675, -7.7071.

-7.7071.

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

67.7880, -1.8675, -7.7071

Protanopia

69.3980, -3.6472, 3.1590

Deuteranopia

70.0610, -2.4951, 6.9625



Tritanopia

68.6940, 4.0949, -6.7476

Trichromacy



Original Color

67.7880, -1.8675, -7.7071

Protanomaly

68.6040, -2.7628, -0.5297

Deuteranomaly

69.1420, -2.0420, 1.6295

Tritanomaly

68.4120, 1.7689, -7.3773

Monochromacy



Original Color

67.7880, -1.8675, -7.7071

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1630, -0.5734, -2.7740

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7880, -1.8675, -7.7071 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(59, 73, 64)` looks like.

```
.text, #text, p{  
    color:rgb(59, 73, 64)  
}
```

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(59, 73, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 73, 64) }
```

Border

The CSS property to change the border of an element to YUV 67.7880, -1.8675, -7.7071 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(59, 73, 64) }
```


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

```
.border{ border-color:rgb(59, 73, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 73, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 73, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 73, 64);  
box-shadow:4px 4px 4px 4px rgb(59, 73, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.7880, -1.8675, -7.7071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 73, 64) }
```

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

```
.background{ background-color: rgb(59, 73,  
64) }
```

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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