

Converting Colors

YUV(67.2480, 30.4437,
-58.0995)

Have a look what the booklet for
YUV(67.2480, 30.4437, -58.0995)
contains.

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Color

**YUV(67.2480, 30.4437,
-58.0995)**

Conversions

Conversions Part 1

Format	Color
Hex	015981
RGB	1, 89, 129
RGB Percent	0%, 35%, 51%
CMY	0.9961, 0.6510, 0.4941
CMYK	0.99, 0.31, 0.00, 0.49
HSL	199°, 98%, 25%
HSV	199°, 99%, 51%
XYZ	7.5473, 8.7362, 22.0573
YIQ	67.2480, -65.2880, -6.2160

Conversions

Conversions Part 2

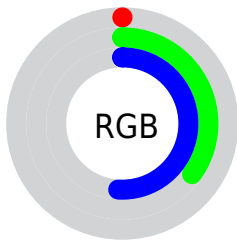
Format	Color
RYB	1, 53, 129
Decimal	88449
CIELab	35.47, -6.95, -28.72
CIELCh	35, 29.547, 256.396
Yxy	8.7362, 0.1968, 0.2279
Android (android.graphics.Color)	4278278529 (0xFF015981)
YUV	67.2480, 30.4437, -58.0995
Hunter-Lab	29.5570, -6.1451, -23.5560

Details

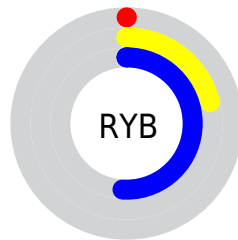
The YUV color **67.2480, 30.4437, -58.0995** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **62.7520, -30.4437, 58.0995**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3640, 27.9215, -42.4152**, and **34.8340, 21.7738, -30.5494** is the 20% darker color. If you saturate the color by 10%, you get **66.9490, 30.5911, -58.7143**, and if you desaturate by 10%, it is **73.4830, 27.3699, -52.1666**.

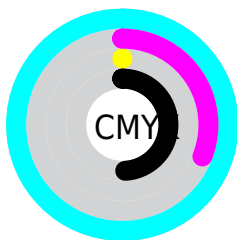
Distribution



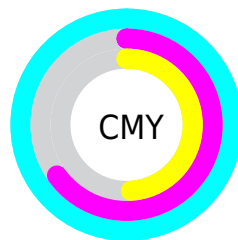
- Red (0%)
- Green (35%)
- Blue (51%)



- Red (0%)
- Yellow (21%)
- Blue (51%)



- Cyan (99%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2480, 30.4437, -58.0995 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 67.2480, 30.4437, -58.0995 by changing the saturation by 10% instead.

67.2480, 30.4437,
-58.0995

67.2480, 30.4437,
-58.0995

255.0000, 0.0000,
0.0000

50.5980, 26.3272,
-44.3744

125.3640, 27.9215,
-42.4152

34.8340, 21.7738,
-30.5494

152.4890, 28.3529,
-40.7709

20.4720, 17.5153,
-17.9539

179.9020, 28.6423,
-40.2561

5.1640, 14.7091,
-4.5288

206.6480, 23.8375,
-39.1563

1.0260, 3.9312,
-0.8998

232.3420, 11.1704,
-36.2569

0.0000, 0.0000,
0.0000

244.5350, 5.1592,

-21.5172

253.5050, 0.7370,
-3.0739

67.2480, 30.4437,
-58.0995

67.2480, 30.4437,
-58.0995

66.9490, 30.5911,
-58.7143

73.4830, 27.3699,
-52.1666

79.7180, 24.2960,
-46.2337

85.9530, 21.2222,
-40.3008

92.1880, 18.1483,
-34.3679

98.4230, 15.0745,
-28.4350

■ 104.3590, 12.1480,
-23.1168

■ 110.5940, 9.0742,
-17.1839

■ 116.8290, 6.0003,
-11.2510

■ 123.0640, 2.9264,
-5.3181

Harmonies

Analogous

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



68.5160, 23.9026, -60.0885



67.2480, 30.4437, -58.0995



82.5850, 22.8826, -12.7910

Triad

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



67.2480, 30.4437, -58.0995



83.9340, -6.3765, 38.6459



77.0460, -13.3337, -16.7033

Complementary

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



67.2480, 30.4437, -58.0995



62.7520, -30.4437, 58.0995

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.



80.0010, -21.6925, 4.3841



67.2480, 30.4437, -58.0995



83.2680, -16.4011, 33.9680

Square

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



67.2480, 30.4437, -58.0995



85.4630, 4.7017, 32.0429



81.9970, -22.1835, 21.9276



69.3550, 1.3040, -45.0383

Rectangle

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



67.2480, 30.4437, -58.0995



85.4410, 18.0236, 5.7522



81.9970, -22.1835, 21.9276



78.1780, -16.8498, -8.9261

Sweetspot

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



67.2480, 30.4437, -58.0995



144.2450, 11.7112, -23.0169



80.4680, -20.4437, -69.6934



69.7470, 7.0267, -13.8101



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



67.2480, 30.4437, -58.0995



87.2440, 39.8127, -76.5130



30.8540, 48.3860, -26.1820



60.7330, 1.6106, -3.2738



66.2480, 30.4437, -58.0995



0.0000, 0.0000, 0.0000

Inverse Universe

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



49.3040, 19.5701, 69.8934



63.4560, 25.9042, 91.6851



99.1460, -48.3860, 26.1820



59.6630, 1.1521, 3.8035



48.3040, 19.5701, 69.8934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 67.2480, 30.4437, -58.0995 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 67.2480, 30.4437, -58.0995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

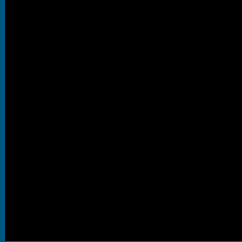
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.2480, 30.4437, -58.0995

Background



This preview shows how black text looks on a background with the YUV color 67.2480, 30.4437, -58.0995.

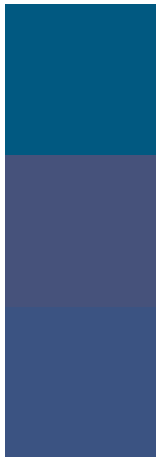


This preview shows how white text looks on a background with the YUV color 67.2480, 30.4437,

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

67.2480, 30.4437, -58.0995

Protanopia

83.0860, 19.6776, -11.4764

Deuteranopia

81.1820, 24.0673, -19.4536



Tritanopia

65.9910, 16.7664, -57.8741

Trichromacy



Original Color

67.2480, 30.4437, -58.0995

Protanomaly

77.6000, 23.3682, -28.5902

Deuteranomaly

76.0770, 26.5840, -33.3935

Tritanomaly

66.6580, 21.8606, -58.4591

Monochromacy



Original Color

67.2480, 30.4437, -58.0995

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1420, 11.2690, -21.1725

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2480, 30.4437, -58.0995 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(1, 89, 129)` looks like.

```
.text, #text, p{  
    color:rgb(1, 89, 129)  
}
```

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(1, 89, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 89, 129) }
```

Border

The CSS property to change the border of an element to YUV 67.2480, 30.4437, -58.0995 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(1, 89, 129) }
```


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

```
.border{ border-color:rgb(1, 89, 129) }
```

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

Here you see how a box with a 4 pixel rgb(1, 89, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 89, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 89, 129);  
box-shadow:4px 4px 4px 4px rgb(1, 89, 129)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.2480, 30.4437, -58.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 89, 129) }
```

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

```
.background{ background-color: rgb(1, 89,  
129) }
```

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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