

Converting Colors

YUV(63.4880, 29.8324,
-48.6630)

Have a look what the booklet for
YUV(63.4880, 29.8324, -48.6630)
contains.

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Color

**YUV(63.4880, 29.8324,
-48.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	08507C
RGB	8, 80, 124
RGB Percent	3%, 31%, 49%
CMY	0.9686, 0.6863, 0.5137
CMYK	0.94, 0.35, 0.00, 0.51
HSL	203°, 88%, 26%
HSV	203°, 94%, 49%
XYZ	6.6069, 7.2442, 20.1188
YIQ	63.4880, -57.0360, -1.5800

Conversions

Conversions Part 2

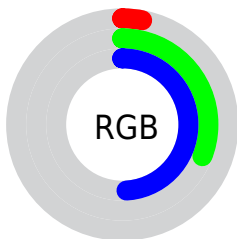
Format	Color
RYB	8, 52, 124
Decimal	544892
CIELab	32.36, -2.85, -30.54
CIELCh	32, 30.674, 264.671
Yxy	7.2442, 0.1945, 0.2133
Android (android.graphics.Color)	4278734972 (0xFF08507C)
YUV	63.4880, 29.8324, -48.6630
Hunter-Lab	26.9150, -3.2845, -25.4784

Details

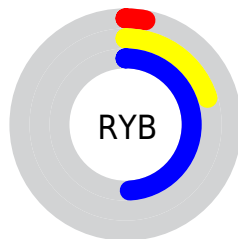
The YUV color **63.4880, 29.8324, -48.6630** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **68.5120, -29.8324, 48.6630**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2230, 28.4841, -36.1526**, and **29.6820, 22.3418, -26.0311** is the 20% darker color. If you saturate the color by 10%, you get **59.3350, 31.8798, -52.0368**, and if you desaturate by 10%, it is **70.0110, 26.6166, -43.8596**.

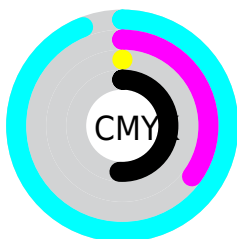
Distribution



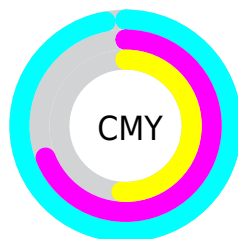
- Red (3%)
- Green (31%)
- Blue (49%)



- Red (3%)
- Yellow (20%)
- Blue (49%)



- Cyan (94%)
- Magenta (35%)
- Yellow (0%)
- Black (51%)



- Cyan (97%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.4880, 29.8324, -48.6630 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 63.4880, 29.8324, -48.6630 by changing the saturation by 10% instead.

63.4880, 29.8324,
-48.6630

63.4880, 29.8324,
-48.6630

255.0000, 0.0000,
0.0000

44.7450, 26.7477,
-39.2414

119.2230, 28.4841,
-36.1526

29.6820, 22.3418,
-26.0311

145.9350, 28.6260,
-35.0230

14.1460, 18.6620,
-12.4060

173.1630, 29.4996,
-35.2230

4.5940, 12.5252,
-4.0289

200.1910, 27.0208,
-33.4935

0.0000, 0.0000,
0.0000

224.9990, 14.7905,
-30.6941

244.2360, 5.3067,

-22.1320

252.9070, 1.0318,
-4.3034

63.4880, 29.8324,
-48.6630

63.4880, 29.8324,
-48.6630

59.3350, 31.8798,
-52.0368

70.0110, 26.6166,
-43.8596

76.2460, 23.5427,
-37.9267

82.7690, 20.3269,
-33.1234

89.5910, 16.9636,
-27.7053

96.1140, 13.7478,
-22.9020

■ 102.0500, 10.8214,
-17.5838

■ 108.8720, 7.4581,
-12.1657

■ 115.3950, 4.2423,
-7.3624

■ 121.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



63.5920, 25.3441, -55.7702



63.4880, 29.8324, -48.6630



76.2870, 21.5505, -5.5137

Triad

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



63.4880, 29.8324, -48.6630



76.1360, -9.4340, 39.3457



67.8000, -10.2544, -24.3806

Complementary

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



63.4880, 29.8324, -48.6630



68.5120, -29.8324, 48.6630

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.



71.8970, -20.6552, -1.6637



63.4880, 29.8324, -48.6630



74.9750, -18.7217, 31.5939

Square

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



63.4880, 29.8324, -48.6630



77.3880, 1.7807, 35.6167



73.9210, -23.6251, 17.6093



59.7500, 5.5462, -52.4008

Rectangle

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



63.4880, 29.8324, -48.6630



78.6160, 15.9653, 12.6148



73.9210, -23.6251, 17.6093



69.1170, -14.3547, -15.8886

Sweetspot

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



63.4880, 29.8324, -48.6630



137.5660, 11.5530, -18.9134



80.9940, -14.7870, -64.0157



67.1710, 7.3107, -11.5510



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



63.4880, 29.8324, -48.6630



77.0540, 41.3854, -67.5764



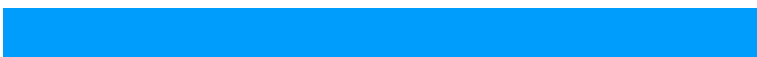
30.0290, 46.3277, -19.3194



58.0320, 1.4632, -2.6591



60.0360, 32.0273, -52.6516



120.8870, 64.6387, -106.0179

Inverse Universe

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



50.8920, 14.3502, 64.1157



59.5390, 19.9473, 88.9813



101.9710, -46.3277, 19.3194



57.2500, 0.8628, 3.2887



46.2670, 15.6444, 69.0488



93.2460, 31.4307, 139.2273

Previews

White Background



This preview shows how the YUV color 63.4880, 29.8324, -48.6630 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 63.4880, 29.8324, -48.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

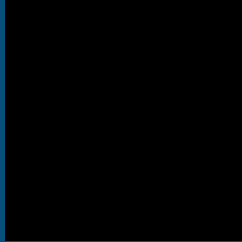
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.4880, 29.8324, -48.6630

Background



This preview shows how black text looks on a background with the YUV color 63.4880, 29.8324, -48.6630.



This preview shows how white text looks on a background with the YUV color 63.4880, 29.8324,

-48.6630.

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

63.4880, 29.8324, -48.6630

Protanopia

75.5310, 21.4302, -13.6207

Deuteranopia

73.2030, 25.5359, -23.8570



Tritanopia

60.2690, 15.1504, -52.8559

Trichromacy



Original Color

63.4880, 29.8324, -48.6630

Protanomaly

71.2520, 24.5258, -26.5310

Deuteranomaly

69.6040, 27.3102, -32.9787

Tritanomaly

61.3600, 20.5285, -51.1817

Monochromacy



Original Color

63.4880, 29.8324, -48.6630

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0500, 10.8214, -17.5838

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.4880, 29.8324, -48.6630 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(8, 80, 124)` looks like.

```
.text, #text, p{  
    color:rgb(8, 80, 124)  
}
```

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(8, 80, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 80, 124) }
```

Border

The CSS property to change the border of an element to YUV 63.4880, 29.8324, -48.6630 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(8, 80, 124) }
```


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

```
.border{ border-color:rgb(8, 80, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 80, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 80, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 80, 124);  
box-shadow:4px 4px 4px 4px rgb(8, 80, 124)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.4880, 29.8324, -48.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 80, 124) }
```

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

```
.background{ background-color: rgb(8, 80,  
124) }
```

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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