

Converting Colors

YUV(66.6070, 29.2807,
-58.4143)

Have a look what the booklet for
YUV(66.6070, 29.2807, -58.4143)
contains.

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Color

**YUV(66.6070, 29.2807,
-58.4143)**

Conversions

Conversions Part 1

Format	Color
Hex	00597E
RGB	0, 89, 126
RGB Percent	0%, 35%, 49%
CMY	1.0000, 0.6510, 0.5059
CMYK	1.00, 0.29, 0.00, 0.51
HSL	198°, 100%, 25%
HSV	198°, 100%, 49%
XYZ	7.3383, 8.6511, 21.0217
YIQ	66.6070, -64.9210, -7.3610

Conversions

Conversions Part 2

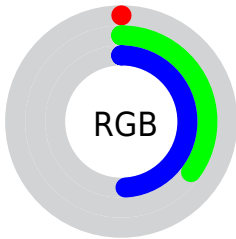
Format	Color
RYB	0, 52, 126
Decimal	22910
CIELab	35.30, -8.23, -27.14
CIElCh	35, 28.359, 253.129
Yxy	8.6511, 0.1983, 0.2337
Android (android.graphics.Color)	4278212990 (0xFF00597E)
YUV	66.6070, 29.2807, -58.4143
Hunter-Lab	29.4128, -6.9379, -21.7865

Details

The YUV color **66.6070, 29.2807, -58.4143** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **59.3930, -29.2807, 58.4143**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.7230, 26.7586, -42.7301**, and **34.6060, 20.9002, -30.3495** is the 20% darker color. If you saturate the color by 10%, you get **66.6070, 29.2807, -58.4143**, and if you desaturate by 10%, it is **72.8420, 26.2069, -52.4814**.

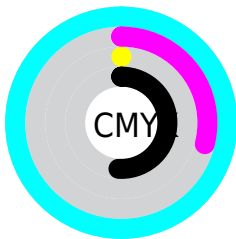
Distribution



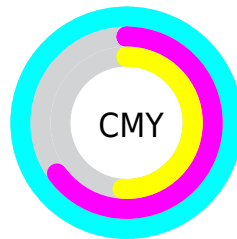
- Red (0%)
- Green (35%)
- Blue (49%)



- Red (0%)
- Yellow (20%)
- Blue (49%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.6070, 29.2807, -58.4143 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 66.6070, 29.2807, -58.4143 by changing the saturation by 10% instead.

■ 66.6070, 29.2807,
-58.4143

■ 66.6070, 29.2807,
-58.4143

■ 255.0000, 0.0000,
0.0000

■ 50.2560, 25.0168,
-44.0745

■ 124.7230, 26.7586,
-42.7301

■ 34.6060, 20.9002,
-30.3495

■ 151.8480, 27.1899,
-41.0857

■ 20.2440, 16.6417,
-17.7540

■ 179.2610, 27.4793,
-40.5709

■ 4.8220, 13.3988,
-4.2289

■ 206.3490, 23.9849,
-39.7711

■ 0.4560, 1.7472,
-0.3999

■ 232.0430, 11.3178,
-36.8717

■ 0.0000, 0.0000,
0.0000

■ 244.2360, 5.3067,

-22.1320

252.9070, 1.0318,
-4.3034

66.6070, 29.2807,
-58.4143

72.8420, 26.2069,
-52.4814

78.1910, 23.5698,
-46.6485

84.4260, 20.4960,
-40.7156

90.3620, 17.5695,
-35.3975

96.5970, 14.4957,
-29.4646

■ 102.2450, 11.7112,
-23.0169

■ 108.1810, 8.7848,
-17.6987

■ 114.4160, 5.7109,
-11.7658

■ 119.7650, 3.0739,
-5.9329

Harmonies

Analogous

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



67.4730, 22.4448, -59.1738



66.6070, 29.2807, -58.4143



81.7480, 22.3092, -15.5650

Triad

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



66.6070, 29.2807, -58.4143



83.6780, -4.7713, 37.1164



77.5410, -14.0707, -13.6295

Complementary

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



66.6070, 29.2807, -58.4143



59.3930, -29.2807, 58.4143

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.



80.1260, -21.2611, 6.0285



66.6070, 29.2807, -58.4143



83.0230, -14.8013, 34.1828

Square

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



66.6070, 29.2807, -58.4143



85.0820, 5.8756, 28.8691



81.9370, -21.1679, 22.8573



71.4160, -1.1911, -38.0758

Rectangle

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



66.6070, 29.2807, -58.4143



84.7180, 17.8870, 2.8783



81.9370, -21.1679, 22.8573



78.4880, -17.0026, -6.5670

Sweetspot

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



66.6070, 29.2807, -58.4143



140.1310, 11.2744, -22.9169



78.0660, -20.7385, -68.4639



67.7470, 7.0267, -13.8101



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.



66.6070, 29.2807, -58.4143



86.0870, 37.9181, -75.4983



30.2130, 47.2230, -26.4968



60.7330, 1.6106, -3.2738



67.4220, 29.8650, -59.1291



0.0000, 0.0000, 0.0000

Inverse Universe

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



47.8200, 20.3017, 68.5639



61.8470, 26.2044, 88.7112



95.7870, -47.2230, 26.4968



59.6630, 1.1521, 3.8035



48.5320, 20.4437, 69.6934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 66.6070, 29.2807, -58.4143 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 66.6070, 29.2807, -58.4143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

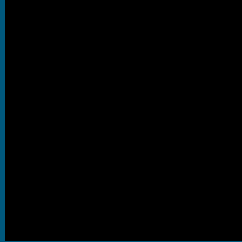
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.6070, 29.2807, -58.4143

Background



This preview shows how black text looks on a background with the YUV color 66.6070, 29.2807, -58.4143.

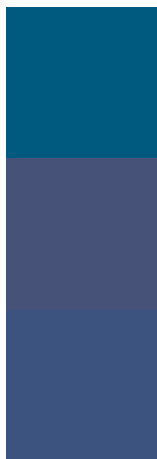


This preview shows how white text looks on a background with the YUV color 66.6070, 29.2807,

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

66.6070, 29.2807, -58.4143

Protanopia

83.0430, 18.2198, -10.5617

Deuteranopia

81.4380, 22.4621, -17.9241



Tritanopia

65.2900, 16.6190, -57.2593

Trichromacy



Original Color

66.6070, 29.2807, -58.4143

Protanomaly

77.2580, 22.0578, -28.2903

Deuteranomaly

76.0340, 25.1262, -32.4788

Tritanomaly

65.8430, 21.2764, -57.7443

Monochromacy



Original Color

66.6070, 29.2807, -58.4143

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9140, 10.3954, -20.9726

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.6070, 29.2807, -58.4143 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(0, 89, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 126)  
}
```

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(0, 89, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 126) }
```

Border

The CSS property to change the border of an element to YUV 66.6070, 29.2807, -58.4143 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(0, 89, 126) }
```


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

```
.border{ border-color:rgb(0, 89, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 89, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 89, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 89, 126)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.6070, 29.2807, -58.4143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 126) }
```

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

```
.background{ background-color: rgb(0, 89,  
126) }
```

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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