

Converting Colors

YUV(77.3670, 29.8921,
-67.8509)

Have a look what the booklet for
YUV(77.3670, 29.8921, -67.8509)
contains.

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Color

**YUV(77.3670, 29.8921,
-67.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	00698A
RGB	0, 105, 138
RGB Percent	0%, 41%, 54%
CMY	1.0000, 0.5882, 0.4588
CMYK	1.00, 0.24, 0.00, 0.46
HSL	194°, 100%, 27%
HSV	194°, 100%, 54%
XYZ	9.6390, 11.9381, 25.8410
YIQ	77.3670, -73.1730, -11.9970

Conversions

Conversions Part 2

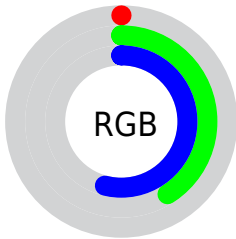
Format	Color
RYB	0, 60, 138
Decimal	27018
CIELab	41.12, -13.03, -25.35
CIELCh	41, 28.500, 242.796
Yxy	11.9381, 0.2033, 0.2518
Android (android.graphics.Color)	4278217098 (0xFF00698A)
YUV	77.3670, 29.8921, -67.8509
Hunter-Lab	34.5516, -10.6683, -20.1567

Details

The YUV color **77.3670, 29.8921, -67.8509** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **60.6330, -29.8921, 67.8509**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6790, 26.7803, -49.7075**, and **44.0780, 21.6535, -38.6564** is the 20% darker color. If you saturate the color by 10%, you get **77.3670, 29.8921, -67.8509**, and if you desaturate by 10%, it is **83.3140, 26.9602, -60.7884**.

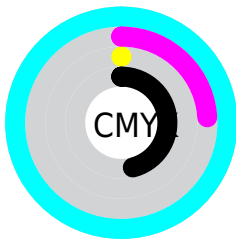
Distribution



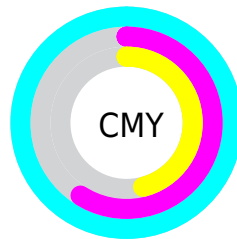
- Red (0%)
- Green (41%)
- Blue (54%)



- Red (0%)
- Yellow (24%)
- Blue (54%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (59%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.3670, 29.8921, -67.8509 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 77.3670, 29.8921, -67.8509 by changing the saturation by 10% instead.

■ 77.3670, 29.8921,
-67.8509

■ 77.3670, 29.8921,
-67.8509

■ 255.0000, 0.0000,
0.0000

■ 60.3150, 25.4807,
-52.8963

■ 137.6790, 26.7803,
-49.7075

■ 44.0780, 21.6535,
-38.6564

■ 165.3910, 26.9222,
-48.5779

■ 28.4280, 17.5370,
-24.9314

■ 193.3910, 26.9222,
-48.5779

■ 11.2450, 15.1622,
-9.8619

■ 219.2960, 17.6021,
-45.8636

■ 2.9810, 8.8834,
-2.6143

■ 237.3590, 8.6970,
-36.2718

■ 0.0000, 0.0000,
0.0000

■ 246.0300, 4.4222,

-18.4433

■ 77.3670, 29.8921,
-67.8509

■ 83.3140, 26.9602,
-60.7884

■ 89.8480, 23.7389,
-54.2407

■ 95.4960, 20.9545,
-47.7930

■ 101.4430, 18.0226,
-40.7305

■ 107.9770, 14.8013,
-34.1828

■ 113.9240, 11.8695,
-27.1203

■ 119.8710, 8.9376,
-20.0579

■ 125.5190, 6.1531,
-13.6102

■ 132.0530, 2.9319,
-7.0625

Harmonies

Analogous

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



77.3040, 22.0351, -67.7956



77.3670, 29.8921, -67.8509



93.5510, 24.3784, -25.9162

Triad

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



77.3670, 29.8921, -67.8509



98.8890, -1.4243, 36.9313



92.3740, -17.4394, -6.4670

Complementary

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



77.3670, 29.8921, -67.8509



60.6330, -29.8921, 67.8509

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.



94.8280, -22.5932, 13.3058



77.3670, 29.8921, -67.8509



97.7290, -12.1914, 37.0717

Square

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



77.3670, 29.8921, -67.8509



99.9720, 9.3808, 24.5806



96.6110, -20.0212, 28.4052



88.1030, -6.4598, -28.1543

Rectangle

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



77.3670, 29.8921, -67.8509



97.7600, 20.8243, -5.9285



96.6110, -20.0212, 28.4052



93.4350, -19.9345, 0.4955

Sweetspot

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



77.3670, 29.8921, -67.8509



155.2230, 11.7221, -26.5056



84.6540, -25.9584, -74.2416



75.3230, 6.7428, -16.0693



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



77.3670, 29.8921, -67.8509



100.2380, 38.8297, -87.9087



37.4510, 49.5707, -32.8445



65.7330, 1.6106, -3.2738



74.4490, 28.8656, -65.2918



2.9180, 1.0264, -2.5591

Inverse Universe

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



53.2320, 25.5216, 74.3415



69.0250, 33.0187, 96.4481



100.5490, -49.5707, 32.8445



64.6630, 1.1521, 3.8035



51.2810, 24.5115, 71.6676



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 77.3670, 29.8921, -67.8509 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 × Fail

Black Background



This preview shows how the YUV color 77.3670, 29.8921, -67.8509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

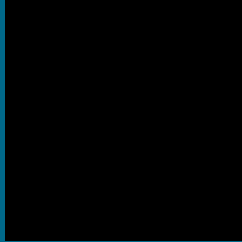
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.3670, 29.8921, -67.8509

Background



This preview shows how black text looks on a background with the YUV color 77.3670, 29.8921, -67.8509.

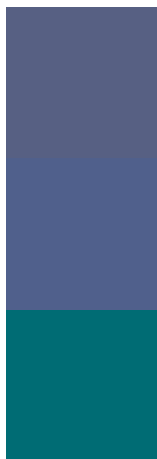


This preview shows how white text looks on a background with the YUV color 77.3670, 29.8921, -67.8509.

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



Protanopia

97.2990, 16.6146, -9.0322

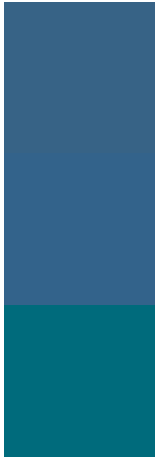
Deuteranopia

96.2320, 21.5776, -14.2355

Tritanopia

76.6200, 19.4143, -67.1957

Trichromacy



Protanomaly

89.8340, 21.7738, -30.5494

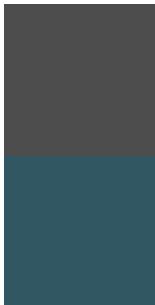
Deuteranomaly

89.2080, 24.5475, -33.5084

Tritanomaly

76.9450, 23.1981, -67.4808

Monochromacy



Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0060, 10.8430, -24.5613

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.3670, 29.8921, -67.8509 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, 105, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 138)  
}
```

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, 105, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 138) }
```

Border

The CSS property to change the border of an element to YUV 77.3670, 29.8921, -67.8509 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, 105, 138) }
```

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

```
.border{ border-color:rgb(0, 105, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 105,  
138) }
```


Background

The CSS property to change the background color of an element to YUV 77.3670, 29.8921, -67.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 138) }
```

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

```
.background{ background-color: rgb(0, 105,  
138) }
```

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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