

Converting Colors

YUV(67.7750, 31.1699,
-57.6847)

Have a look what the booklet for
YUV(67.7750, 31.1699, -57.6847)
contains.

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Color

**YUV(67.7750, 31.1699,
-57.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	025983
RGB	2, 89, 131
RGB Percent	1%, 35%, 51%
CMY	0.9922, 0.6510, 0.4863
CMYK	0.98, 0.32, 0.00, 0.49
HSL	200°, 97%, 26%
HSV	200°, 98%, 51%
XYZ	7.6941, 8.7964, 22.7651
YIQ	67.7750, -65.3340, -5.3820

Conversions

Conversions Part 2

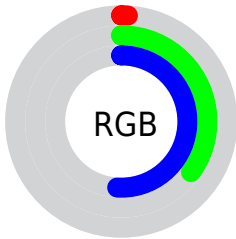
Format	Color
R_{YB}	2, 54, 131
Decimal	153987
CIE _{Lab}	35.59, -6.07, -29.76
CIE _{LCh}	36, 30.371, 258.464
Yxy	8.7964, 0.1960, 0.2241
Android (android.graphics.Color)	4278344067 (0xFF025983)
YUV	67.7750, 31.1699, -57.6847
Hunter-Lab	29.6587, -5.5956, -24.7481

Details

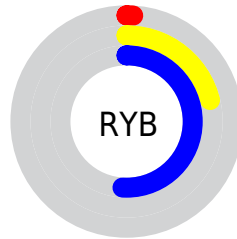
The YUV color **67.7750, 31.1699, -57.6847** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **65.2250, -31.1699, 57.6847**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8910, 28.6477, -42.0004**, and **35.0620, 22.6474, -30.7494** is the 20% darker color. If you saturate the color by 10%, you get **66.5900, 31.7541, -58.3994**, and if you desaturate by 10%, it is **74.0100, 28.0961, -51.7518**.

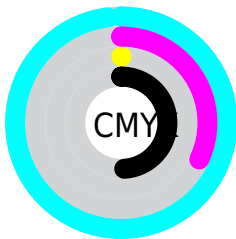
Distribution



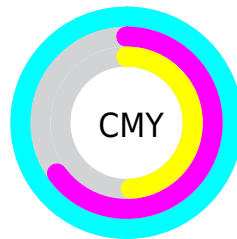
- Red (1%)
- Green (35%)
- Blue (51%)



- Red (1%)
- Yellow (21%)
- Blue (51%)



- Cyan (98%)
- Magenta (32%)
- Yellow (0%)
- Black (49%)



- Cyan (99%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7750, 31.1699, -57.6847 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 67.7750, 31.1699, -57.6847 by changing the saturation by 10% instead.

67.7750, 31.1699,
-57.6847

67.7750, 31.1699,
-57.6847

255.0000, 0.0000,
0.0000

50.8260, 27.2008,
-44.5744

125.8910, 28.6477,
-42.0004

35.0620, 22.6474,
-30.7494

153.0160, 29.0791,
-40.3560

20.7000, 18.3889,
-18.1539

180.4290, 29.3685,
-39.8412

5.2780, 15.1459,
-4.6288

206.9470, 23.6901,
-38.5415

1.3680, 5.2416,
-1.1997

232.0540, 11.3124,
-35.1274

0.0000, 0.0000,
0.0000

244.8340, 5.0118,

-20.9024

253.8040, 0.5896,
-2.4591

67.7750, 31.1699,
-57.6847

67.7750, 31.1699,
-57.6847

66.5900, 31.7541,
-58.3994

74.0100, 28.0961,
-51.7518

80.8320, 24.7328,
-46.3337

87.0670, 21.6590,
-40.4008

93.3020, 18.5851,
-34.4679

99.5370, 15.5113,
-28.5349

■ 106.6580, 12.0006,
-22.5021

■ 112.8930, 8.9268,
-16.5692

■ 119.1280, 5.8529,
-10.6363

■ 125.3630, 2.7790,
-4.7034

Harmonies

Analogous

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



68.7440, 24.7762, -60.2885



67.7750, 31.1699, -57.6847



83.2970, 23.0246, -11.6615

Triad

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



67.7750, 31.1699, -57.6847



84.1190, -6.9607, 39.3606



76.1490, -12.8915, -18.5477

Complementary

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



67.7750, 31.1699, -57.6847



65.2250, -31.1699, 57.6847

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.



79.9900, -21.6871, 2.6398



67.7750, 31.1699, -57.6847



83.3390, -17.4221, 34.7827

Square

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



67.7750, 31.1699, -57.6847



85.3600, 4.2595, 33.8873



82.0570, -23.1991, 20.9980



66.1800, 3.3623, -51.9009

Rectangle

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



67.7750, 31.1699, -57.6847



86.3380, 17.5814, 7.5966



82.0570, -23.1991, 20.9980



77.8680, -16.6969, -11.2852

Sweetspot

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



67.7750, 31.1699, -57.6847



145.7720, 12.4374, -22.6020



82.3970, -19.4227, -70.5082



71.5620, 7.6109, -14.5249



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



67.7750, 31.1699, -57.6847



86.9990, 41.4125, -76.2981



30.7940, 49.4016, -25.2523



63.0320, 1.4632, -2.6591



66.4760, 31.3173, -58.2995



1.5160, 0.7316, -1.3295

Inverse Universe

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



50.4890, 18.9859, 70.6081



64.2390, 25.0252, 93.6294



102.2060, -49.4016, 25.2523



62.2500, 0.8628, 3.2888



48.9020, 19.2753, 71.1229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 67.7750, 31.1699, -57.6847 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 67.7750, 31.1699, -57.6847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

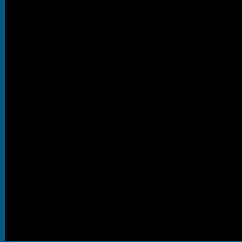
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7750, 31.1699, -57.6847

Background



This preview shows how black text looks on a background with the YUV color 67.7750, 31.1699, -57.6847.



This preview shows how white text looks on a background with the YUV color 67.7750, 31.1699, -57.6847.

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

67.7750, 31.1699, -57.6847

Protanopia

83.0150, 20.6986, -12.2912

Deuteranopia

81.3990, 24.9463, -21.3979



Tritanopia

65.9910, 16.7664, -57.8741

Trichromacy



Original Color

67.7750, 31.1699, -57.6847

Protanomaly

77.8280, 24.2418, -28.7902

Deuteranomaly

76.5930, 27.3157, -34.7231

Tritanomaly

66.9570, 21.7132, -57.8443

Monochromacy



Original Color

67.7750, 31.1699, -57.6847

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1420, 11.2690, -21.1725

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7750, 31.1699, -57.6847 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(2, 89, 131)` looks like.

```
.text, #text, p{  
    color:rgb(2, 89, 131)  
}
```

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(2, 89, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 89, 131) }
```

Border

The CSS property to change the border of an element to YUV 67.7750, 31.1699, -57.6847 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(2, 89, 131) }
```


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

```
.border{ border-color:rgb(2, 89, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 89, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 89, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 89, 131);  
box-shadow:4px 4px 4px 4px rgb(2, 89, 131)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.7750, 31.1699, -57.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 89, 131) }
```

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

```
.background{ background-color: rgb(2, 89,  
131) }
```

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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