

# Converting Colors

YUV(69.8460, 30.1489,  
-56.8699)

Have a look what the booklet for  
YUV(69.8460, 30.1489, -56.8699)  
contains.

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# Color

**YUV(69.8460, 30.1489,  
-56.8699)**

# Conversions

## Conversions Part 1

Format	Color
Hex	055B83
RGB	5, 91, 131
RGB Percent	2%, 36%, 51%
CMY	0.9804, 0.6431, 0.4863
CMYK	0.96, 0.31, 0.00, 0.49
HSL	199°, 93%, 27%
HSV	199°, 96%, 51%
XYZ	7.9004, 9.1531, 22.8231
YIQ	69.8460, -64.0960, -5.7920

# Conversions

## Conversions Part 2

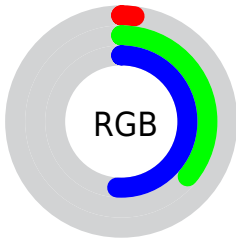
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 56, 131
Decimal	351107
CIELab	36.28, -7.12, -28.67
CIELCh	36, 29.543, 256.046
Yxy	9.1531, 0.1981, 0.2295
Android (android.graphics.Color)	4278541187 (0xFF055B83)
YUV	69.8460, 30.1489, -56.8699
Hunter-Lab	30.2541, -6.3322, -23.5492

# Details

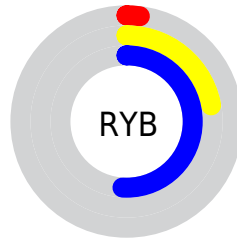
The YUV color **69.8460, 30.1489, -56.8699** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **66.1540, -30.1489, 56.8699**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.3640, 27.9215, -42.4152**, and **36.2360, 22.0687, -31.7790** is the 20% darker color. If you saturate the color by 10%, you get **67.1770, 31.4647, -58.9142**, and if you desaturate by 10%, it is **76.0810, 27.0751, -50.9370**.

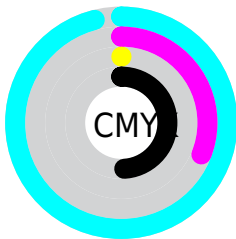
# Distribution



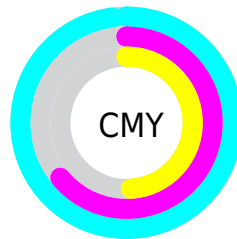
- Red (2%)
- Green (36%)
- Blue (51%)



- Red (2%)
- Yellow (22%)
- Blue (51%)



- Cyan (96%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (98%)
- Magenta (64%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 69.8460, 30.1489, -56.8699 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 69.8460, 30.1489, -56.8699 by changing the saturation by 10% instead.



69.8460, 30.1489,  
-56.8699

69.8460, 30.1489,  
-56.8699

255.0000, 0.0000,  
0.0000

52.0000, 26.6220,  
-45.6040

127.3640, 27.9215,  
-42.4152

36.2360, 22.0687,  
-31.7790

154.4890, 28.3529,  
-40.7709

21.8740, 17.8101,  
-19.1835

181.9020, 28.6423,  
-40.2561

5.2780, 15.1459,  
-4.6288

208.4200, 22.9639,  
-38.9563

1.3680, 5.2416,  
-1.1997

234.1140, 10.2968,  
-36.0570

0.0000, 0.0000,  
0.0000

245.1330, 4.8644,

-20.2876

254.1030, 0.4422,  
-1.8443

■ 69.8460, 30.1489,  
-56.8699

■ 69.8460, 30.1489,  
-56.8699

■ 67.1770, 31.4647,  
-58.9142

■ 76.0810, 27.0751,  
-50.9370

■ 82.3160, 24.0012,  
-45.0041

■ 88.5510, 20.9274,  
-39.0712

■ 95.3730, 17.5641,  
-33.6531

■ 101.6080, 14.4903,  
-27.7202

■ 108.1420, 11.2690,  
-21.1725

■ 114.3770, 8.1951,  
-15.2396

■ 120.6120, 5.1213,  
-9.3067

■ 126.8470, 2.0474,  
-3.3738

# Harmonies

## Analogous

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



69.9180, 24.1974, -61.3181



69.8460, 30.1489, -56.8699



84.2860, 23.0300, -13.4058

# Triad

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



69.8460, 30.1489, -56.8699



85.9340, -6.3765, 38.6459



78.9320, -13.7705, -16.6034

# Complementary

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



69.8460, 30.1489, -56.8699



66.1540, -30.1489, 56.8699

# 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.



82.0010, -21.6925, 4.3841



69.8460, 30.1489, -56.8699



85.2680, -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.



69.8460, 30.1489, -56.8699



87.4630, 4.7017, 32.0429



83.9970, -22.1835, 21.9276



71.8390, 0.5724, -43.7088



# Rectangle

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



69.8460, 30.1489, -56.8699



87.4410, 18.0236, 5.7522



83.9970, -22.1835, 21.9276



80.1780, -16.8498, -8.9261

# Sweetspot

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



69.8460, 30.1489, -56.8699



146.6580, 12.0006, -22.5021



83.5220, -18.9913, -68.8638



71.8610, 7.4635, -13.9101



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.



69.8460, 30.1489, -56.8699



88.1730, 40.8337, -77.3277



32.8650, 48.3806, -24.4376



63.0320, 1.4632, -2.6591



67.0630, 31.0279, -58.8143



1.5160, 0.7316, -1.3295



# Inverse Universe

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



52.4780, 18.9913, 68.8638



64.4670, 25.8988, 93.4294



103.1350, -48.3806, 24.4376



62.2500, 0.8628, 3.2888



49.0160, 19.7121, 71.0230



1.1250, 0.4314, 1.6444



# Previews

## White Background



This preview shows how the YUV color 69.8460, 30.1489, -56.8699 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 69.8460, 30.1489, -56.8699 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

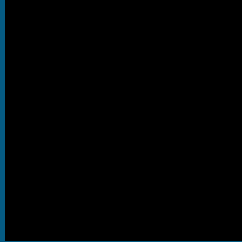
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 69.8460, 30.1489, -56.8699

## Background



This preview shows how black text looks on a background with the YUV color 69.8460, 30.1489, -56.8699.



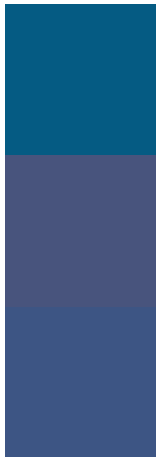
This preview shows how white text looks on a background with the YUV color 69.8460, 30.1489, -56.8699.



# 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

69.8460, 30.1489, -56.8699

### Protanopia

85.0860, 19.6776, -11.4764

### Deuteranopia

83.1820, 24.0673, -19.4536



## Tritanopia

67.3930, 17.0613, -59.1037

# Trichromacy



## Original Color

69.8460, 30.1489, -56.8699

## Protanomaly

79.8990, 23.2208, -27.9754

## Deuteranomaly

78.3760, 26.4366, -32.7788

## Tritanomaly

68.6580, 21.8606, -58.4591

# Monochromacy



## Original Color

69.8460, 30.1489, -56.8699

## Achromatopsia

70.0000, 0.0000, 0.0000

## Achromatomaly

70.0280, 10.8322, -21.0726

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 69.8460, 30.1489, -56.8699 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(5, 91, 131)` looks like.

```
.text, #text, p{  
    color:rgb(5, 91, 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(5, 91, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 91, 131) }
```

## Border

The CSS property to change the border of an element to YUV 69.8460, 30.1489, -56.8699 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(5, 91, 131) }
```



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

```
.border{ border-color:rgb(5, 91, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 91, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 91, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 91, 131);  
box-shadow:4px 4px 4px 4px rgb(5, 91, 131)  
}
```

# Background

The CSS property to change the background color of an element to YUV 69.8460, 30.1489, -56.8699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 91, 131) }
```

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

```
.background{ background-color: rgb(5, 91,  
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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