

Converting Colors

YUV(70.3350, 31.8798,
-52.0368)

Have a look what the booklet for
YUV(70.3350, 31.8798, -52.0368)
contains.

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Color

**YUV(70.3350, 31.8798,
-52.0368)**

Conversions

Conversions Part 1

Format	Color
Hex	0B5887
RGB	11, 88, 135
RGB Percent	4%, 35%, 53%
CMY	0.9569, 0.6549, 0.4706
CMYK	0.92, 0.35, 0.00, 0.47
HSL	203°, 85%, 29%
HSV	203°, 92%, 53%
XYZ	8.0009, 8.7999, 24.1985
YIQ	70.3350, -60.9790, -1.7070

Conversions

Conversions Part 2

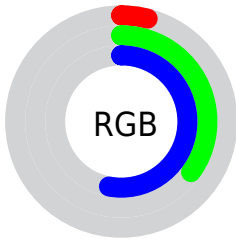
Format	Color
R_{YB}	11, 59, 135
Decimal	743559
CIE _{Lab}	35.60, -3.27, -32.19
CIE _{LCh}	36, 32.352, 264.206
Yxy	8.7999, 0.1951, 0.2146
Android (android.graphics.Color)	4278933639 (0xFF0B5887)
YUV	70.3350, 31.8798, -52.0368
Hunter-Lab	29.6646, -3.7693, -27.5999

Details

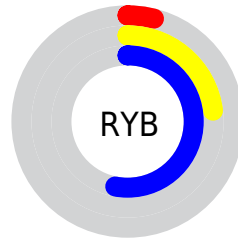
The YUV color **70.3350, 31.8798, -52.0368** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **75.6650, -31.8798, 52.0368**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.0700, 30.5315, -39.5264**, and **34.9310, 24.6840, -30.6345** is the 20% darker color. If you saturate the color by 10%, you get **64.6980, 34.6589, -56.7401**, and if you desaturate by 10%, it is **77.4560, 28.3692, -46.0039**.

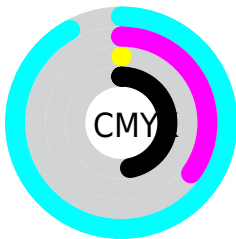
Distribution



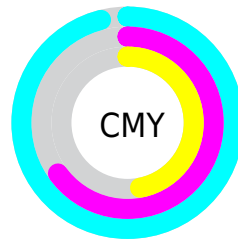
- Red (4%)
- Green (35%)
- Blue (53%)



- Red (4%)
- Yellow (23%)
- Blue (53%)



- Cyan (92%)
- Magenta (35%)
- Yellow (0%)
- Black (47%)



- Cyan (96%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3350, 31.8798, -52.0368 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 70.3350, 31.8798, -52.0368 by changing the saturation by 10% instead.

70.3350, 31.8798,
-52.0368

70.3350, 31.8798,
-52.0368

255.0000, 0.0000,
0.0000

50.5810, 28.8006,
-44.3595

127.0700, 30.5315,
-39.5264

34.9310, 24.6840,
-30.6345

153.7820, 30.6735,
-38.3968

20.4550, 19.9887,
-17.9390

181.3090, 31.3997,
-37.9820

6.2070, 16.1669,
-5.4435

207.5560, 23.3899,
-35.5676

2.5250, 7.1362,
-2.2144

232.6630, 11.0121,
-32.1535

0.0000, 0.0000,
0.0000

246.0300, 4.4222,

-18.4433

254.7010, 0.1474,
-0.6148

■ 70.3350, 31.8798,
-52.0368

■ 70.3350, 31.8798,
-52.0368

■ 64.6980, 34.6589,
-56.7401

■ 77.4560, 28.3692,
-46.0039

■ 84.2780, 25.0059,
-40.5858

■ 91.3990, 21.4953,
-34.5529

■ 98.2210, 18.1320,
-29.1348

■ 105.9290, 14.3320,
-23.6167

■ 112.7510, 10.9688,
-18.1986

■ 119.8720, 7.4581,
-12.1657

■ 126.6940, 4.0949,
-6.7476

■ 133.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



69.4280, 27.3970, -60.8884



70.3350, 31.8798, -52.0368



84.3300, 23.0083, -6.4284

Triad

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



70.3350, 31.8798, -52.0368



83.7450, -9.7343, 42.3196



74.8600, -11.2700, -25.3102

Complementary

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



70.3350, 31.8798, -52.0368



75.6650, -31.8798, 52.0368

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.



79.4410, -22.4024, -1.2638



70.3350, 31.8798, -52.0368



82.9430, -20.1849, 34.2530

Square

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



70.3350, 31.8798, -52.0368



85.2250, 2.3541, 38.3907



81.7640, -25.5197, 18.6240



65.2440, 6.2887, -57.2190

Rectangle

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



70.3350, 31.8798, -52.0368



86.2570, 17.1283, 12.9296



81.7640, -25.5197, 18.6240



76.4760, -15.5177, -16.2035

Sweetspot

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



70.3350, 31.8798, -52.0368



150.1960, 12.7214, -20.3429



88.9180, -16.2286, -68.3341



73.5730, 7.6055, -12.7805



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.



70.3350, 31.8798, -52.0368



84.0470, 45.3328, -73.7092



35.1150, 49.2433, -21.1489



63.0320, 1.4632, -2.6591



62.3670, 33.3431, -54.6959



1.5160, 0.7316, -1.3295

Inverse Universe

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



56.8540, 15.3550, 68.5340



65.0500, 21.6674, 97.3032



110.8850, -49.2433, 21.1489



62.2500, 0.8628, 3.2888



48.1040, 16.2177, 71.8228



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 70.3350, 31.8798, -52.0368 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 70.3350, 31.8798, -52.0368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

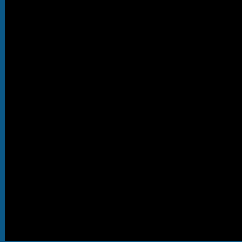
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.3350, 31.8798, -52.0368

Background



This preview shows how black text looks on a background with the YUV color 70.3350, 31.8798, -52.0368.



This preview shows how white text looks on a background with the YUV color 70.3350, 31.8798, -52.0368.

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

70.3350, 31.8798, -52.0368

Protanopia

82.6880, 23.3248, -14.6354

Deuteranopia

80.3600, 27.4305, -24.8717



Tritanopia

65.9910, 16.7664, -57.8741

Trichromacy



Original Color

70.3350, 31.8798, -52.0368

Protanomaly

78.1100, 26.5678, -28.1605

Deuteranomaly

76.4620, 29.3522, -34.6082

Tritanomaly

67.4950, 22.4340, -55.6851

Monochromacy



Original Color

70.3350, 31.8798, -52.0368

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.5660, 11.5530, -18.9134

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3350, 31.8798, -52.0368 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(11, 88, 135)` looks like.

```
.text, #text, p{  
    color:rgb(11, 88, 135)  
}
```

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(11, 88, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 88, 135) }
```

Border

The CSS property to change the border of an element to YUV 70.3350, 31.8798, -52.0368 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(11, 88, 135) }
```


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

```
.border{ border-color:rgb(11, 88, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 88, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 88, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 88, 135);  
box-shadow:4px 4px 4px 4px rgb(11, 88,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 70.3350, 31.8798, -52.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 88, 135) }
```

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

```
.background{ background-color: rgb(11, 88,  
135) }
```

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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