

Converting Colors

YUV(70.9350, 8.4130, -38.5310)

Have a look what the booklet for
YUV(70.9350, 8.4130, -38.5310)
contains.

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Color

**YUV(70.9350, 8.4130,
-38.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	1B5A58
RGB	27, 90, 88
RGB Percent	11%, 35%, 35%
CMY	0.8941, 0.6471, 0.6549
CMYK	0.70, 0.00, 0.02, 0.65
HSL	178°, 54%, 23%
HSV	178°, 70%, 35%
XYZ	5.8696, 8.2499, 10.5156
YIQ	70.9350, -36.9060, -13.9780

Conversions

Conversions Part 2

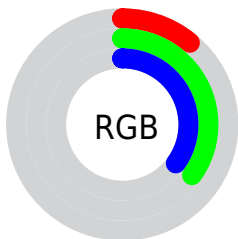
Format	Color
R_{YB}	27, 59, 90
Decimal	1792600
CIE _{Lab}	34.50, -20.03, -4.69
CIE _{LCh}	34, 20.573, 193.190
Yxy	8.2499, 0.2383, 0.3349
Android (android.graphics.Color)	4279982680 (0xFF1B5A58)
YUV	70.9350, 8.4130, -38.5310
Hunter-Lab	28.7227, -13.7874, -1.6006




Details

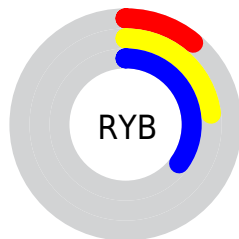
The YUV color **70.9350, 8.4130, -38.5310** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **46.0650, -8.4130, 38.5310**, and the grayscale version is **71.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **122.1310, 7.8234, -36.0719**, and **30.7300, 6.0491, -26.9502** is the 20% darker color. If you saturate the color by 10%, you get **68.2440, 9.7397, -44.0640**, and if you desaturate by 10%, it is **73.6260, 7.0864, -32.9980**.

Distribution







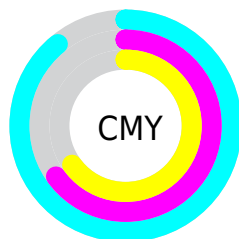
-  Red (11%)
-  Green (35%)
-  Blue (35%)






-  Red (11%)
-  Yellow (23%)
-  Blue (35%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (2%)
-  Black (65%)



-  Cyan (89%)
-  Magenta (65%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9350, 8.4130, -38.5310 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 70.9350, 8.4130, -38.5310 by changing the saturation by 10% instead.

70.9350, 8.4130,
-38.5310

70.9350, 8.4130,
-38.5310

255.0000, 0.0000,
0.0000

46.1520, 9.2921,
-40.4753

122.1310, 7.8234,
-36.0719

30.7300, 6.0491,
-26.9502

148.7180, 7.5340,
-36.5867

17.1830, 2.3748,
-15.0695

175.7180, 7.5340,
-36.5867

0.0000, 0.0000,
0.0000

203.4190, 7.6814,
-37.2015

232.0060, 7.3920,
-37.7163

243.6380, 5.6015,

-23.3615

252.3090, 1.3267,
-5.5330

70.9350, 8.4130,
-38.5310

70.9350, 8.4130,
-38.5310

68.2440, 9.7397,
-44.0640

73.6260, 7.0864,
-32.9980

65.4390, 10.6296,
-49.4970

76.4310, 6.1965,
-27.5650

62.7480, 11.9562,
-55.0300

79.1220, 4.8699,
-22.0320

81.8130, 3.5432,
-16.4990

84.5040, 2.2165,
-10.9660

■ 87.3090, 1.3267,
-5.5330

■ 90.0000, 0.0000,
0.0000

■ 92.6910, -1.3267,
5.5330

■ 95.4960, -2.2165,
10.9660

Harmonies

Analogous

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



74.3900, -1.6713, -24.0210



70.9350, 8.4130, -38.5310



70.5630, 15.9914, -42.5898

Triad

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



70.9350, 8.4130, -38.5310



82.9160, 10.8874, 7.9667



80.7990, -15.1839, 16.8393

Complementary

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



70.9350, 8.4130, -38.5310



46.0650, -8.4130, 38.5310

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.



81.8800, -11.2798, 24.6612



70.9350, 8.4130, -38.5310



83.4570, 3.7187, 20.6472

Square

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



70.9350, 8.4130, -38.5310



80.7720, 15.8884, -9.4470



82.7260, -4.3019, 26.5503



79.1350, -14.8566, 5.1436

Rectangle

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



70.9350, 8.4130, -38.5310



74.0740, 17.7115, -34.2679



82.7260, -4.3019, 26.5503



81.0490, -14.3212, 20.1280

Sweetspot

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



70.9350, 8.4130, -38.5310



109.8240, 3.5378, -14.7546



64.5790, -18.5264, -31.2028



54.4010, 1.7743, -9.1217



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



70.9350, 8.4130, -38.5310



87.3560, 13.1355, -59.9482



54.1400, 17.6790, -23.8018



44.5050, 0.7370, -3.0739



76.6540, 14.4676, -67.2256



165.3390, 31.8779, -145.0023

Inverse Universe

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



46.0650, -8.4130, 38.5310



48.6440, -13.1355, 59.9482



62.8600, -17.6790, 23.8018



42.4950, -0.7370, 3.0739



33.2320, -14.9044, 67.3255



71.7750, -31.4411, 144.9023

Previews

White Background



This preview shows how the YUV color 70.9350, 8.4130, -38.5310 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 70.9350, 8.4130, -38.5310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

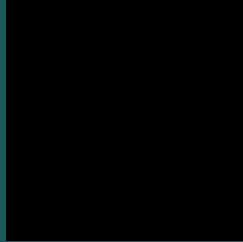
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.9350, 8.4130, -38.5310

Background



This preview shows how black text looks on a background with the YUV color 70.9350, 8.4130, -38.5310.



This preview shows how white text looks on a background with the YUV color 70.9350, 8.4130,

-38.5310.

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

70.9350, 8.4130, -38.5310

Protanopia

80.8260, 0.5788, 1.0296

Deuteranopia

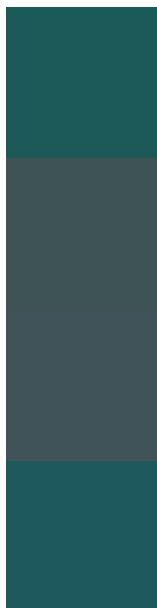
81.7490, 4.0677, 1.9741



Tritanopia

72.7550, 11.4598, -35.7421

Trichromacy



Original Color

70.9350, 8.4130, -38.5310

Protanomaly

77.4220, 3.2430, -13.5251

Deuteranomaly

77.7040, 5.5689, -12.8954

Tritanomaly

71.8150, 10.4442, -36.6718

Monochromacy



Original Color

70.9350, 8.4130, -38.5310

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0090, 2.9536, -14.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9350, 8.4130, -38.5310 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(27, 90, 88)` looks like.

```
.text, #text, p{  
    color:rgb(27, 90, 88)  
}
```

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(27, 90, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 90, 88) }
```

Border

The CSS property to change the border of an element to YUV 70.9350, 8.4130, -38.5310 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(27, 90, 88) }
```


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

```
.border{ border-color:rgb(27, 90, 88) }
```

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

Here you see how a box with a 4 pixel rgb(27, 90, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 90, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 90, 88);  
box-shadow:4px 4px 4px 4px rgb(27, 90, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.9350, 8.4130, -38.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 90, 88) }
```

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

```
.background{ background-color: rgb(27, 90,  
88) }
```

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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