

Converting Colors

YUV(70.3290, -5.5852, 18.1285)

Have a look what the booklet for
YUV(70.3290, -5.5852, 18.1285)
contains.

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Color

**YUV(70.3290, -5.5852,
18.1285)**

Conversions

Conversions Part 1

Format	Color
Hex	5B3E3B
RGB	91, 62, 59
RGB Percent	36%, 24%, 23%
CMY	0.6431, 0.7569, 0.7686
CMYK	0.00, 0.32, 0.35, 0.64
HSL	6°, 21%, 29%
HSV	6°, 35%, 36%
XYZ	6.8264, 5.9852, 4.9331
YIQ	70.3290, 18.2470, 5.2150

Conversions

Conversions Part 2

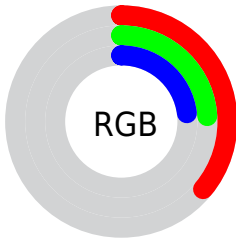
Format	Color
R_{YB}	91, 62, 59
Decimal	5979707
CIE Lab	29.37, 12.25, 6.93
CIE LCh	29, 14.080, 29.501
Yxy	5.9852, 0.3847, 0.3373
Android (android.graphics.Color)	4284169787 (0xFF5B3E3B)
YUV	70.3290, -5.5852, 18.1285
Hunter-Lab	24.4646, 6.9943, 5.1698

Details

The YUV color **70.3290, -5.5852, 18.1285** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.6710, 5.5852, -18.1285**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1120, -6.4642, 20.0728**, and **26.2470, -4.5588, 15.5694** is the 20% darker color. If you saturate the color by 10%, you get **64.6070, -7.2013, 23.1467**, and if you desaturate by 10%, it is **76.0510, -3.9691, 13.1103**.

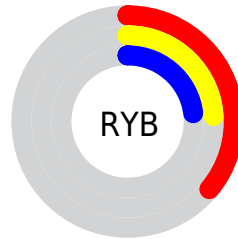
Distribution



 Red (36%)

 Green (24%)

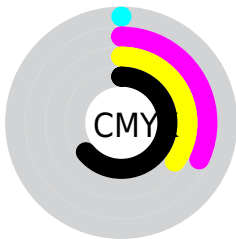
 Blue (23%)



 Red (36%)

 Yellow (24%)

 Blue (23%)

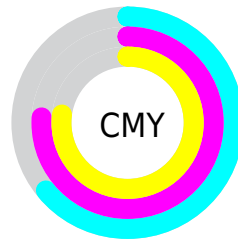


 Cyan (0%)

 Magenta (32%)

 Yellow (35%)

 Black (64%)



 Cyan (64%)

 Magenta (76%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3290, -5.5852, 18.1285 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 70.3290, -5.5852, 18.1285 by changing the saturation by 10% instead.

■ 70.3290, -5.5852,
18.1285

■ 70.3290, -5.5852,
18.1285

■ 255.0000, 0.0000,
0.0000

■ 47.7310, -5.2904,
16.8989

■ 119.1120, -6.4642,
20.0728

■ 26.2470, -4.5588,
15.5694

■ 144.7100, -6.7590,
21.3023

■ 6.2790, -3.0955,
12.9103

■ 171.0090, -6.9064,
21.9171

■ 0.0000, 0.0000,
0.0000

■ 198.6070, -7.2013,
23.1467

■ 226.6070, -7.2013,
23.1467

■ 247.4200, -3.6581,

■ 70.3290, -5.5852,
18.1285

■ 70.3290, -5.5852,
18.1285

■ 64.6070, -7.2013,
23.1467

■ 76.0510, -3.9691,
13.1103

■ 58.8850, -8.8173,
28.1649

■ 81.7730, -2.3531,
8.0921

■ 52.5760, -10.1440,
33.6978

■ 88.0820, -1.0264,
2.5591

■ 46.8540, -11.7600,
38.7160

■ 93.8040, 0.5896,
-2.4591

■ 41.1320, -13.3761,
43.7342

■ 99.6400, 2.6425,
-7.5773

■ 35.2960, -15.4289,
48.8524

■ 105.3620, 4.2585,
-12.5955

■ 32.4920, -16.0186,
51.3115

■ 111.6710, 5.5852,
-18.1285

■ 117.3930, 7.2013,
-23.1467

■ 123.1150, 8.8173,
-28.1649

Harmonies

Analogous

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



70.6970, -0.3436, 16.9287



70.3290, -5.5852, 18.1285



69.6830, -9.2107, 14.3100

Triad

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



70.3290, -5.5852, 18.1285



65.8970, -3.8932, -11.3107



67.9090, 11.3839, -11.3212

Complementary

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



70.3290, -5.5852, 18.1285



79.6710, 5.5852, -18.1285

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.



65.4410, 11.1216, -20.5578



70.3290, -5.5852, 18.1285



64.4490, 2.2436, -19.6878

Square

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



70.3290, -5.5852, 18.1285



67.6980, -8.7251, -1.4891



63.9090, 7.9329, -24.4762



70.0030, 8.8725, 0.8744

Rectangle

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



70.3290, -5.5852, 18.1285



69.0200, -10.3629, 10.5065



63.9090, 7.9329, -24.4762



66.8870, 11.3947, -14.8099

Sweetspot

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



70.3290, -5.5852, 18.1285



109.0610, -2.4951, 6.9625



71.8740, 7.9501, 16.7735



53.9790, -1.4686, 4.4034



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.



70.3290, -5.5852, 18.1285



85.5860, -8.6699, 27.5501



79.7210, -10.2155, 9.8917



43.0820, -1.0264, 2.5591



38.7600, -19.1087, 62.4775



83.7770, -41.3021, 134.3766

Inverse Universe

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



79.6710, 5.5852, -18.1285



100.0010, 8.3805, -28.0649



70.2790, 10.2155, -9.8917



43.9180, 1.0264, -2.5591



70.6530, 19.3981, -61.9627



153.2230, 41.3021, -134.3766

Previews

White Background



This preview shows how the YUV color 70.3290, -5.5852, 18.1285 looks on a white background.

Color Contrast Check

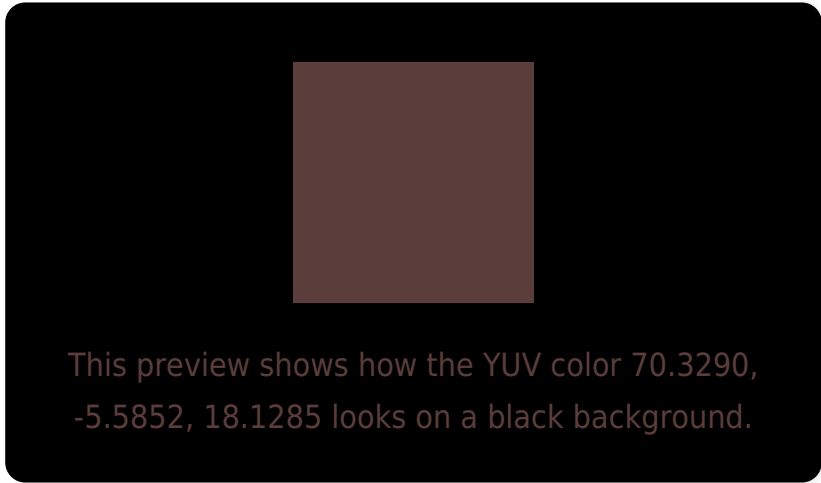
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

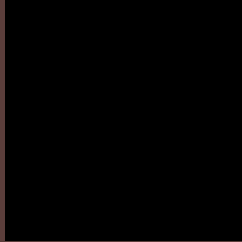
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.3290, -5.5852, 18.1285

Background



This preview shows how black text looks on a background with the YUV color 70.3290, -5.5852, 18.1285.

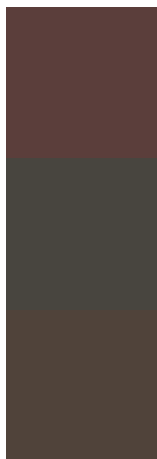


This preview shows how white text looks on a background with the YUV color 70.3290, -5.5852,

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

70.3290, -5.5852, 18.1285

Protanopia

69.2130, -3.0630, 2.4442

Deuteranopia

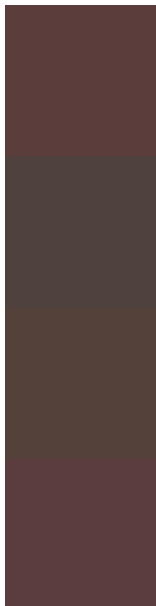
69.8610, -5.8475, 8.8919



Tritanopia

70.8390, -2.3856, 18.5582

Trichromacy



Original Color

70.3290, -5.5852, 18.1285

Protanomaly

69.4310, -3.6635, 8.3920

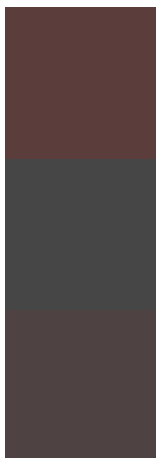
Deuteranomaly

69.8830, -5.8583, 12.3806

Tritanomaly

70.4970, -3.6960, 18.8581

Monochromacy



Original Color

70.3290, -5.5852, 18.1285

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1750, -2.0583, 6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3290, -5.5852, 18.1285 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(91, 62, 59)` looks like.

```
.text, #text, p{  
    color:rgb(91, 62, 59)  
}
```

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(91, 62, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 62, 59) }
```

Border

The CSS property to change the border of an element to YUV 70.3290, -5.5852, 18.1285 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(91, 62, 59) }
```


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

```
.border{ border-color:rgb(91, 62, 59) }
```

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

Here you see how a box with a 4 pixel rgb(91, 62, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 62, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 62, 59);  
box-shadow:4px 4px 4px 4px rgb(91, 62, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.3290, -5.5852, 18.1285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 62, 59) }
```

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

```
.background{ background-color: rgb(91, 62,  
59) }
```

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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