

Converting Colors

YUV(58.8290, -0.9017, -37.5610)

Have a look what the booklet for
YUV(58.8290, -0.9017, -37.5610)
contains.

YUV(58.8290, -0.9017, -37.5610)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(58.8290, -0.9017,
-37.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	105139
RGB	16, 81, 57
RGB Percent	6%, 32%, 22%
CMY	0.9373, 0.6824, 0.7765
CMYK	0.80, 0.00, 0.30, 0.68
HSL	158°, 67%, 19%
HSV	158°, 80%, 32%
XYZ	3.8946, 6.2904, 4.8798
YIQ	58.8290, -31.0360, -21.2440

Conversions

Conversions Part 2

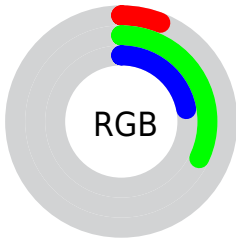
Format	Color
R_{YB}	16, 56, 81
Decimal	1069369
CIE _{Lab}	30.13, -26.47, 8.50
CIE _{LCh}	30, 27.806, 162.201
Yxy	6.2904, 0.2585, 0.4176
Android (android.graphics.Color)	4279259449 (0xFF105139)
YUV	58.8290, -0.9017, -37.5610
Hunter-Lab	25.0807, -16.1731, 6.0208

Details

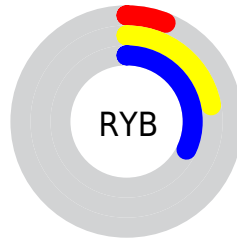
The YUV color **58.8290, -0.9017, -37.5610** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **38.1710, 0.9017, 37.5610**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.6830, -2.8017, -34.8020**, and **22.7280, -4.3029, -19.9325** is the 20% darker color. If you saturate the color by 10%, you get **56.0950, -1.0328, -42.1793**, and if you desaturate by 10%, it is **61.5630, -0.7706, -32.9428**.

Distribution



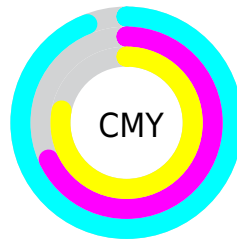
- Red (6%)
- Green (32%)
- Blue (22%)



- Red (6%)
- Yellow (22%)
- Blue (32%)



- Cyan (80%)
- Magenta (0%)
- Yellow (30%)
- Black (68%)



- Cyan (94%)
- Magenta (68%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.8290, -0.9017, -37.5610 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 58.8290, -0.9017, -37.5610 by changing the saturation by 10% instead.

■ 58.8290, -0.9017,
-37.5610

■ 58.8290, -0.9017,
-37.5610

255.0000, 0.0000,
0.0000

■ 38.0360, -1.4967,
-33.3576

■ 109.6830, -2.8017,
-34.8020

■ 22.7280, -4.3029,
-19.9325

■ 135.5690, -3.2385,
-34.7020

■ 0.5870, -0.2894,
-0.5148

■ 162.1560, -3.5279,
-35.2168

■ 0.0000, 0.0000,
0.0000

■ 189.7430, -3.8173,
-35.7316

■ 218.0310, -3.9593,
-36.8612

■ 237.8130, 0.0922,

-29.6540

■ 248.4220, 3.2430,
-13.5251

■ 58.8290, -0.9017,
-37.5610

■ 58.8290, -0.9017,
-37.5610

■ 56.0950, -1.0328,
-42.1793

■ 61.5630, -0.7706,
-32.9428

■ 53.3610, -1.1640,
-46.7976

■ 64.2970, -0.6394,
-28.3245

■ 67.0310, -0.5083,
-23.7062

■ 69.7650, -0.3771,
-19.0879

■ 72.7980, -0.3934,
-13.8548

■ 75.5320, -0.2623,
-9.2366

■ 78.2660, -0.1311,
-4.6183

■ 81.0000, 0.0000,
0.0000

■ 83.7340, 0.1311,
4.6183

Harmonies

Analogous

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



65.3670, -13.4919, -12.5999



58.8290, -0.9017, -37.5610



57.1400, 10.7770, -50.1118

Triad

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



58.8290, -0.9017, -37.5610



68.9220, 21.7305, -16.5946



70.3540, -13.4855, 32.1385

Complementary

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



58.8290, -0.9017, -37.5610



38.1710, 0.9017, 37.5610

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.



71.7810, -4.3290, 35.2721



58.8290, -0.9017, -37.5610



73.2520, 14.6658, 9.4260

Square

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



58.8290, -0.9017, -37.5610



57.9670, 26.6383, -50.8371



73.0710, 5.8810, 27.1247



69.5670, -19.9995, 21.4277

Rectangle

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



58.8290, -0.9017, -37.5610



58.1490, 17.1815, -50.9967



73.0710, 5.8810, 27.1247



70.7610, -10.7282, 34.4126

Sweetspot

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



58.8290, -0.9017, -37.5610



96.0860, -0.5354, -14.9844



61.6300, -22.4956, -18.0925



48.5320, -0.2623, -9.2366



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



58.8290, -0.9017, -37.5610



70.4690, -1.7102, -58.2933



56.8690, 11.8966, -35.8421



39.5760, -0.2840, -2.2592



69.1590, -1.5574, -60.6524



152.8280, -3.3662, -134.0302

Inverse Universe

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



38.1710, 0.9017, 37.5610



38.4170, 1.2734, 58.3933



40.1310, -11.8966, 35.8421



38.3100, -0.1528, 2.3591



35.8410, 1.5574, 60.6524



79.1720, 3.3662, 134.0302

Previews

White Background



This preview shows how the YUV color 58.8290, -0.9017, -37.5610 looks on a white background.

Color Contrast Check

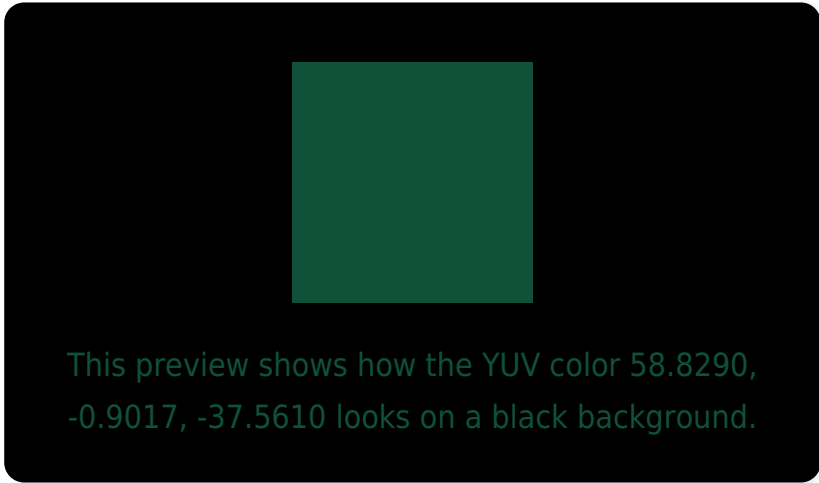
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.8290, -0.9017, -37.5610

Background



This preview shows how black text looks on a background with the YUV color 58.8290, -0.9017, -37.5610.



This preview shows how white text looks on a background with the YUV color 58.8290, -0.9017,

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

58.8290, -0.9017, -37.5610

Protanopia

70.3290, -9.0362, 4.9735

Deuteranopia

71.2740, -5.5581, 9.4067



Tritanopia

64.6310, 9.5489, -29.4944

Trichromacy



Original Color

58.8290, -0.9017, -37.5610

Protanomaly

66.3270, -6.0772, -10.8108

Deuteranomaly

66.9190, -3.9041, -7.8220

Tritanomaly

62.5830, 5.6286, -32.0833

Monochromacy



Original Color

58.8290, -0.9017, -37.5610

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7980, -0.3934, -13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.8290, -0.9017, -37.5610 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(16, 81, 57)` looks like.

```
.text, #text, p{  
    color:rgb(16, 81, 57)  
}
```

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(16, 81, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 81, 57) }
```

Border

The CSS property to change the border of an element to YUV 58.8290, -0.9017, -37.5610 is called "border". The border property can be set on classes, ids or directly on the HTML element.

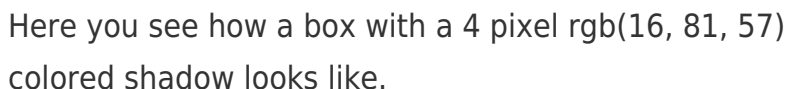
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(16, 81, 57) }
```


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

```
.border{ border-color:rgb(16, 81, 57) }
```

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



Here you see how a box with a 4 pixel `rgb(16, 81, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 81, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 81, 57);  
box-shadow:4px 4px 4px 4px rgb(16, 81, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.8290, -0.9017, -37.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 81, 57) }
```

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

```
.background{ background-color: rgb(16, 81,  
57) }
```

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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