

Converting Colors

YUV(38.2290, -10.4659,
43.6492)

Have a look what the booklet for
YUV(38.2290, -10.4659, 43.6492)
contains.

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Color

**YUV(38.2290, -10.4659,
43.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	581111
RGB	88, 17, 17
RGB Percent	35%, 7%, 7%
CMY	0.6549, 0.9333, 0.9333
CMYK	0.00, 0.81, 0.81, 0.65
HSL	0°, 68%, 21%
HSV	0°, 81%, 35%
XYZ	4.3261, 2.5161, 0.7880
YIQ	38.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

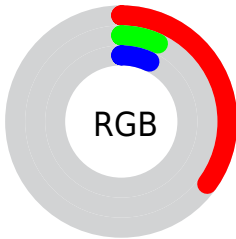
Format	Color
RYB	88, 17, 17
Decimal	5771537
CIELab	17.99, 32.01, 19.75
CIElCh	18, 37.610, 31.675
Yxy	2.5161, 0.5670, 0.3298
Android (android.graphics.Color)	4283961617 (0xFF581111)
YUV	38.2290, -10.4659, 43.6492
Hunter-Lab	15.8621, 20.9241, 8.1583

Details

The YUV color **38.2290, -10.4659, 43.6492** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **66.7710, 10.4659, -43.6492**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.2250, -14.4079, 48.0377**, and **11.1770, -5.0173, 22.6468** is the 20% darker color. If you saturate the color by 10%, you get **31.9200, -11.7926, 49.1822**, and if you desaturate by 10%, it is **44.5380, -9.1392, 38.1162**.

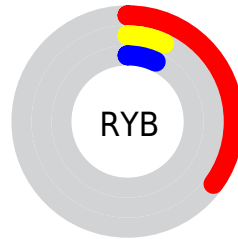
Distribution



Red (35%)

Green (7%)

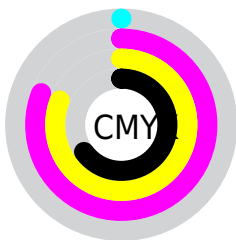
Blue (7%)



Red (35%)

Yellow (7%)

Blue (7%)

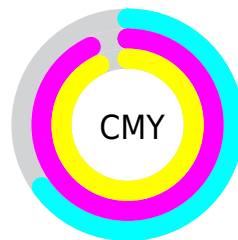


Cyan (0%)

Magenta (81%)

Yellow (81%)

Black (65%)



Cyan (65%)


Magenta (93%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 38.2290, -10.4659, 43.6492 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 38.2290, -10.4659, 43.6492 by changing the saturation by 10% instead.


 38.2290, -10.4659,
43.6492


 38.2290, -10.4659,
43.6492

 252.8170, -5.8258,
1.9145


 18.5380, -9.1392,
38.1162


 88.2250, -14.4079,
48.0377


 11.1770, -5.0173,
22.6468

 114.1930,
-15.8711, 50.6967

 0.0000, 0.0000,
0.0000

 140.3890,
-16.4608, 53.1558

 167.1720,
-17.3398, 55.1002

 193.4600,
-17.4818, 53.9706

 212.9740,

-13.7912, 36.8568

■ 232.6020, -9.6638,
19.6430

■ 38.2290, -10.4659,
43.6492

■ 38.2290, -10.4659,
43.6492

■ 31.9200, -11.7926,
49.1822

■ 44.5380, -9.1392,
38.1162

■ 26.3120, -12.9718,
54.1004

■ 50.8470, -7.8126,
32.5832

■ 56.4550, -6.6333,
27.6650

■ 62.7640, -5.3067,
22.1320

■ 69.0730, -3.9800,
16.5990

■ 75.3820, -2.6533,
11.0660

■ 81.6910, -1.3267,
5.5330

■ 87.2990, -0.1474,
0.6148

■ 93.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



36.6220, 3.6374, 46.8125



38.2290, -10.4659, 43.6492



41.2090, -20.3160, 29.6347

Triad

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



38.2290, -10.4659, 43.6492



33.5220, -8.6383, -29.3988



38.8750, 29.6416, -34.0934

Complementary

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



38.2290, -10.4659, 43.6492



66.7710, 10.4659, -43.6492

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.



41.5990, 24.8477, -36.4823



38.2290, -10.4659, 43.6492



38.0020, 3.4500, -33.3278

Square

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



38.2290, -10.4659, 43.6492



37.7220, -18.5969, -8.5262



40.4930, 15.5330, -35.5124



44.3630, 22.9920, -1.1954

Rectangle

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



38.2290, -10.4659, 43.6492



42.0180, -20.7149, 17.5242



40.4930, 15.5330, -35.5124



40.5220, 28.3367, -35.5378

Sweetspot

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



38.2290, -10.4659, 43.6492



95.3720, -4.1274, 17.2138



46.3230, 20.5468, 36.5507



47.0830, -2.5059, 10.4512



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.



38.2290, -10.4659, 43.6492



36.4880, -16.5096, 68.8550



59.3610, -20.8840, 25.1164



40.1960, -0.5896, 2.4591



31.9930, -15.7725, 65.7811



70.2650, -34.6406, 144.4726

Inverse Universe

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



66.7710, 10.4659, -43.6492



81.5120, 16.5096, -68.8550



46.2260, 20.5946, -25.6312



41.8040, 0.5896, -2.4591



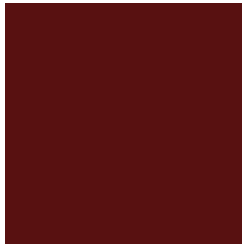
75.0070, 15.7725, -65.7811



164.7350, 34.6406, -144.4726

Previews

White Background



This preview shows how the YUV color 38.2290, -10.4659, 43.6492 looks on a white background.

Color Contrast Check

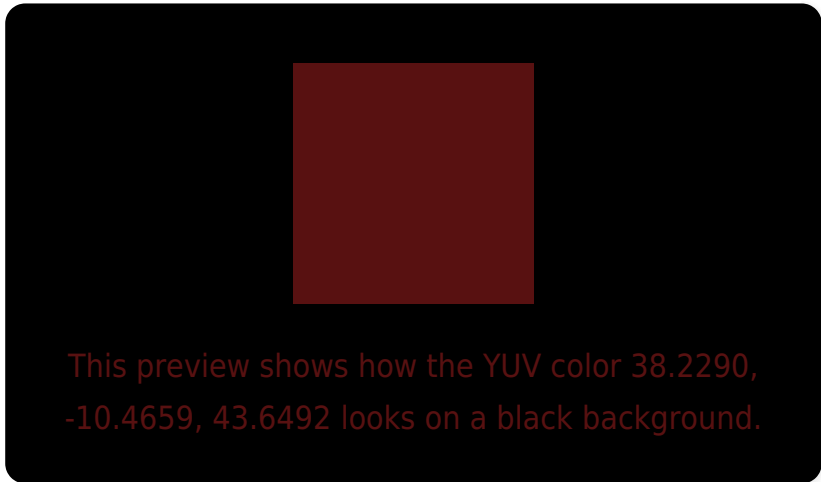
Large Text (above 18pt) WCAG AA ✓ Pass

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

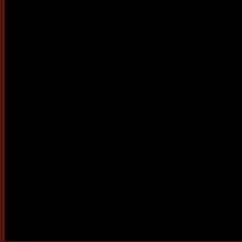
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.2290, -10.4659, 43.6492

Background



This preview shows how black text looks on a background with the YUV color 38.2290, -10.4659, 43.6492.

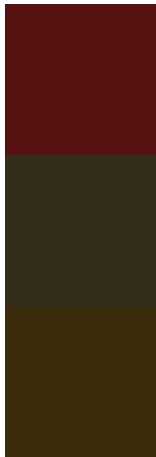


This preview shows how white text looks on a background with the YUV color 38.2290, -10.4659,

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

38.2290, -10.4659, 43.6492

Protanopia

45.1010, -9.9098, 5.1734

Deuteranopia

44.4240, -16.4780, 11.9062



Tritanopia

38.2290, -10.4659, 43.6492

Trichromacy



Original Color

38.2290, -10.4659, 43.6492

Protanomaly

42.1890, -9.9532, 19.1282

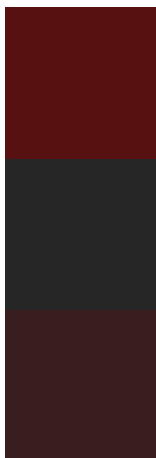
Deuteranomaly

42.0710, -14.3320, 23.6167

Tritanomaly

38.2290, -10.4659, 43.6492

Monochromacy



Original Color

38.2290, -10.4659, 43.6492

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.7740, -3.8326, 15.9842

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2290, -10.4659, 43.6492 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(88, 17, 17)` looks like.

```
.text, #text, p{  
    color:rgb(88, 17, 17)  
}
```

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(88, 17, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 17, 17) }
```

Border

The CSS property to change the border of an element to YUV 38.2290, -10.4659, 43.6492 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(88, 17, 17) }
```


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

```
.border{ border-color:rgb(88, 17, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 17, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 17, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 17, 17);  
box-shadow:4px 4px 4px 4px rgb(88, 17, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.2290, -10.4659, 43.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 17, 17) }
```

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

```
.background{ background-color: rgb(88, 17,  
17) }
```

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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