

Converting Colors

YUV(33.5190, 3.1951, 48.6568)

Have a look what the booklet for
YUV(33.5190, 3.1951, 48.6568)
contains.

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Color

**YUV(33.5190, 3.1951,
48.6568)**

Conversions

Conversions Part 1

Format	Color
Hex	590428
RGB	89, 4, 40
RGB Percent	35%, 2%, 16%
CMY	0.6510, 0.9843, 0.8431
CMYK	0.00, 0.96, 0.55, 0.65
HSL	335°, 91%, 18%
HSV	335°, 96%, 35%
XYZ	4.5462, 2.3639, 2.2241
YIQ	33.5190, 39.1040, 29.2160

Conversions

Conversions Part 2

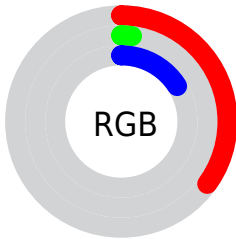
Format	Color
RYB	89, 4, 40
Decimal	5833768
CIELab	17.29, 38.00, 2.73
CIElCh	17, 38.099, 4.105
Yxy	2.3639, 0.4977, 0.2588
Android (android.graphics.Color)	4284023848 (0xFF590428)
YUV	33.5190, 3.1951, 48.6568
Hunter-Lab	15.3749, 25.8749, 2.1855

Details

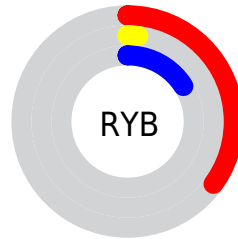
The YUV color **33.5190, 3.1951, 48.6568** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **59.4810, -3.1951, -48.6568**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.6670, -1.3148, 48.5270**, and **12.0740, -5.4595, 24.4911** is the 20% darker color. If you saturate the color by 10%, you get **30.9430, 3.4791, 50.9160**, and if you desaturate by 10%, it is **39.3720, 2.7746, 43.5238**.

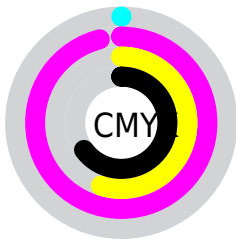
Distribution



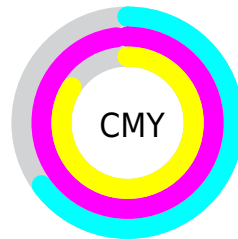
- Red (35%)
- Green (2%)
- Blue (16%)



- Red (35%)
- Yellow (2%)
- Blue (16%)



- Cyan (0%)
- Magenta (96%)
- Yellow (55%)
- Black (65%)



- Cyan (65%)
- Magenta (98%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.5190, 3.1951, 48.6568 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 33.5190, 3.1951, 48.6568 by changing the saturation by 10% instead.

33.5190, 3.1951,
48.6568

33.5190, 3.1951,
48.6568

251.4780, 1.7363,
3.0888

21.0030, -0.9875,
36.8314

87.6670, -1.3148,
48.5270

12.0740, -5.4595,
24.4911

113.4500, -2.1939,
50.4714

0.0000, 0.0000,
0.0000

139.6460, -2.7835,
52.9305

167.1300, -3.5151,
54.2600


193.8310, -3.3677,
53.6452


212.8720, 1.0491,

36.9463

 233.0870, 4.8871,
19.2177

 33.5190, 3.1951,
48.6568

 33.5190, 3.1951,
48.6568

 30.9430, 3.4791,
50.9160

 39.3720, 2.7746,
43.5238

 45.2250, 2.3541,
38.3907

 51.0780, 1.9335,
33.2576

 57.0450, 1.9498,
28.0245

 62.8980, 1.5293,
22.8915

■ 68.1640, 1.3981,
18.2732

■ 74.0170, 0.9776,
13.1401

■ 79.8700, 0.5571,
8.0070

■ 85.7230, 0.1366,
2.8739

Harmonies

Analogous

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



40.0530, 13.2849, 32.4025



33.5190, 3.1951, 48.6568



36.4740, -12.0657, 43.4343

Triad

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



33.5190, 3.1951, 48.6568



35.6400, -17.5705, -11.0853



40.4250, 25.4265, -35.4527

Complementary

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



33.5190, 3.1951, 48.6568



59.4810, -3.1951, -48.6568

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.



40.0200, 16.2591, -35.0975



33.5190, 3.1951, 48.6568



33.0490, -7.9122, -28.9840

Square

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



33.5190, 3.1951, 48.6568



40.1910, -19.8142, 8.6025



36.9420, 4.4656, -32.3981



37.5870, 29.7836, -32.9638

Rectangle

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



33.5190, 3.1951, 48.6568



39.1710, -19.3113, 34.0530



36.9420, 4.4656, -32.3981



41.0290, 22.6637, -35.9824

Sweetspot

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



33.5190, 3.1951, 48.6568



92.8760, 1.5401, 19.4027



28.0420, 30.0523, 21.0112



45.3050, 0.8356, 12.0105



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.



33.5190, 3.1951, 48.6568



39.9710, 4.4513, 65.8004



32.9370, -14.2659, 49.1673



40.4240, 0.2840, 2.2592



37.1230, 3.8834, 61.2821



81.5510, 8.6024, 134.5748

Inverse Universe

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



33.5190, 3.1951, 48.6568



39.9710, 4.4513, 65.8004



60.0630, 14.2659, -49.1673



40.4240, 0.2840, 2.2592



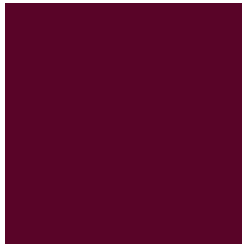
37.1230, 3.8834, 61.2821



81.5510, 8.6024, 134.5748

Previews

White Background



This preview shows how the YUV color 33.5190, 3.1951, 48.6568 looks on a white background.

Color Contrast Check

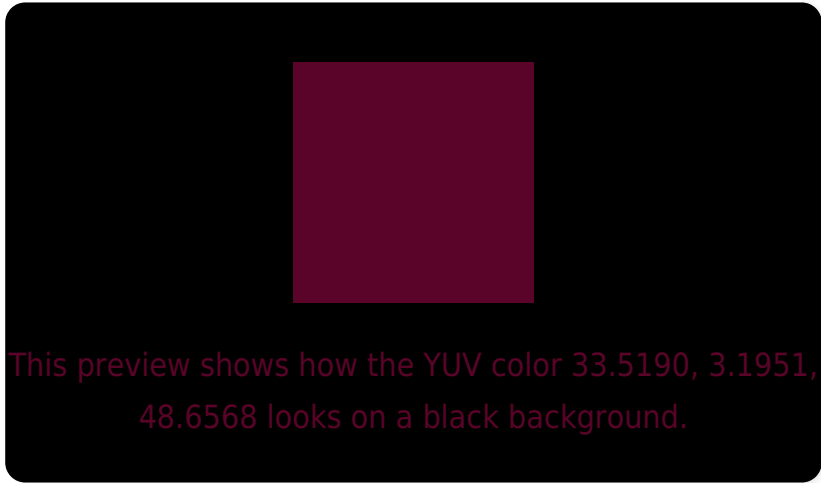
Large Text (above 18pt) WCAG AA ✓ Pass

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

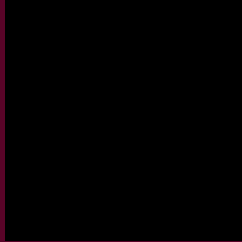
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.5190, 3.1951, 48.6568

Background



This preview shows how black text looks on a background with the YUV color 33.5190, 3.1951, 48.6568.



This preview shows how white text looks on a background with the YUV color 33.5190, 3.1951,

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

33.5190, 3.1951, 48.6568

Protanopia

46.4710, 5.6838, -3.0441

Deuteranopia

46.0780, -4.9685, 6.9476



Tritanopia

37.5280, -10.6133, 44.2639

Trichromacy



Original Color

33.5190, 3.1951, 48.6568

Protanomaly

41.9510, 4.4612, 15.8290

Deuteranomaly

41.2740, -2.1071, 22.5617

Tritanomaly

36.2060, -5.5246, 45.4233

Monochromacy



Original Color

33.5190, 3.1951, 48.6568

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.7510, 1.1088, 17.7584

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.5190, 3.1951, 48.6568 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(89, 4, 40)` looks like.

```
.text, #text, p{  
    color:rgb(89, 4, 40)  
}
```

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(89, 4, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 4, 40) }
```

Border

The CSS property to change the border of an element to YUV 33.5190, 3.1951, 48.6568 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(89, 4, 40) }
```


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

```
.border{ border-color:rgb(89, 4, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 4, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 4, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 4, 40); box-shadow:4px  
4px 4px 4px rgb(89, 4, 40) }
```

Background

The CSS property to change the background color of an element to YUV 33.5190, 3.1951, 48.6568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 4, 40) }
```

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

```
.background{ background-color: rgb(89, 4,  
40) }
```

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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