

Converting Colors

YUV(50.4090, 3.2494, 31.2133)

Have a look what the booklet for
YUV(50.4090, 3.2494, 31.2133)
contains.

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Color

**YUV(50.4090, 3.2494,
31.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	561F39
RGB	86, 31, 57
RGB Percent	34%, 12%, 22%
CMY	0.6627, 0.8784, 0.7765
CMYK	0.00, 0.64, 0.34, 0.66
HSL	332°, 47%, 23%
HSV	332°, 64%, 34%
XYZ	5.0663, 3.2538, 4.2319
YIQ	50.4090, 24.4340, 19.7460

Conversions

Conversions Part 2

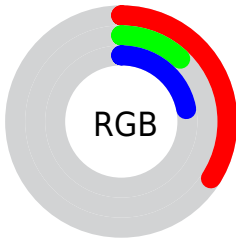
Format	Color
R_{YB}	86, 31, 57
Decimal	5644089
CIE Lab	21.03, 28.55, -3.90
CIE LCh	21, 28.811, 352.227
Yxy	3.2538, 0.4036, 0.2592
Android (android.graphics.Color)	4283834169 (0xFF561F39)
YUV	50.4090, 3.2494, 31.2133
Hunter-Lab	18.0383, 18.5665, -1.2830

Details

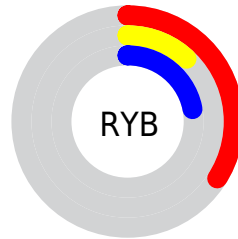
The YUV color **50.4090, 3.2494, 31.2133** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **66.5910, -3.2494, -31.2133**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.9040, 2.5123, 34.2872**, and **13.8550, 0.0715, 23.8062** is the 20% darker color. If you saturate the color by 10%, you get **44.5560, 3.6699, 36.3464**, and if you desaturate by 10%, it is **56.2620, 2.8288, 26.0802**.

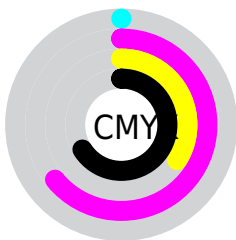
Distribution



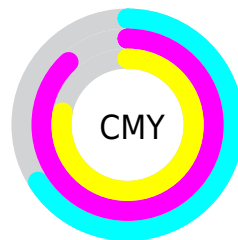
- Red (34%)
- Green (12%)
- Blue (22%)



- Red (34%)
- Yellow (12%)
- Blue (22%)



- Cyan (0%)
- Magenta (64%)
- Yellow (34%)
- Black (66%)



- Cyan (66%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.4090, 3.2494, 31.2133 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 50.4090, 3.2494, 31.2133 by changing the saturation by 10% instead.

■ 50.4090, 3.2494,
31.2133

■ 50.4090, 3.2494,
31.2133

■ 255.0000, 0.0000,
0.0000

■ 26.4520, 4.7072,
30.2986

■ 98.9040, 2.5123,
34.2872

■ 13.8550, 0.0715,
23.8062

■ 124.5020, 2.2175,
35.5167

■ 0.0000, 0.0000,
0.0000

■ 151.1000, 1.9227,
36.7463

■ 177.8120, 2.0647,
37.8759

■ 205.4100, 1.7699,
39.1054

■ 226.6470, 5.5970,

24.8656

245.6080, 4.6303,
8.2368

50.4090, 3.2494,
31.2133

50.4090, 3.2494,
31.2133

44.5560, 3.6699,
36.3464

56.2620, 2.8288,
26.0802

39.4040, 4.2378,
40.8647

61.4140, 2.2609,
21.5619

33.5510, 4.6584,
45.9978

67.2670, 1.8404,
16.4288

30.3880, 5.2317,
48.7717

72.4190, 1.2724,
11.9105

78.2720, 0.8519,
6.7775

■ 84.0110, -0.0054,
1.7444

■ 89.2770, -0.1366,
-2.8739

■ 95.0160, -0.9939,
-7.9070

■ 100.2820, -1.1250,
-12.5253

Harmonies

Analogous

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



52.3130, 12.1707, 16.3885



50.4090, 3.2494, 31.2133



49.4990, -6.6550, 34.6424

Triad

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



50.4090, 3.2494, 31.2133



46.1360, -19.7870, -0.1193



44.2090, 19.6170, -38.7713

Complementary

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



50.4090, 3.2494, 31.2133



66.5910, -3.2494, -31.2133

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.



43.3310, 11.1758, -38.0013



50.4090, 3.2494, 31.2133



42.3490, -9.5391, -20.4771

Square

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



50.4090, 3.2494, 31.2133



48.2520, -22.3092, 15.5650



40.2360, 1.8557, -35.2870



42.8870, 24.7057, -37.6119

Rectangle

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



50.4090, 3.2494, 31.2133



49.1690, -12.9013, 31.4238



40.2360, 1.8557, -35.2870



44.2260, 17.1436, -38.7862

Sweetspot

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



50.4090, 3.2494, 31.2133



98.4190, 1.2724, 11.9105



45.6420, 19.8965, 11.7150



47.5710, 0.7045, 7.3922



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



50.4090, 3.2494, 31.2133



56.3880, 5.2317, 48.7717



48.0320, -8.3968, 33.2979



40.4240, 0.2840, 2.2592



37.8070, 6.5041, 60.6823



82.9190, 13.8439, 133.3750

Inverse Universe

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



50.4090, 3.2494, 31.2133



56.3880, 5.2317, 48.7717



68.9680, 8.3968, -33.2979



40.4240, 0.2840, 2.2592



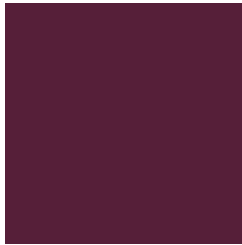
37.8070, 6.5041, 60.6823



82.9190, 13.8439, 133.3750

Previews

White Background



This preview shows how the YUV color 50.4090, 3.2494, 31.2133 looks on a white background.

Color Contrast Check

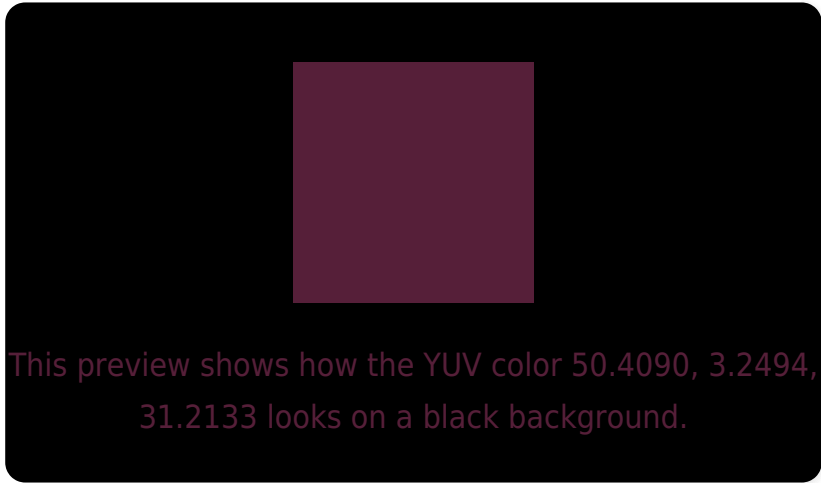
Large Text (above 18pt) WCAG AA ✓ Pass

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

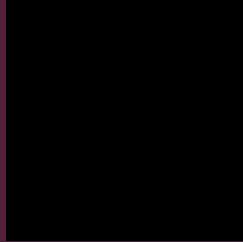
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.4090, 3.2494, 31.2133

Background



This preview shows how black text looks on a background with the YUV color 50.4090, 3.2494, 31.2133.



This preview shows how white text looks on a background with the YUV color 50.4090, 3.2494,

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

50.4090, 3.2494, 31.2133

Protanopia

51.6710, 9.0362, -4.9735

Deuteranopia

51.9510, 1.0102, 2.6740



Tritanopia

50.2920, -6.0600, 30.4389

Trichromacy



Original Color

50.4090, 3.2494, 31.2133

Protanomaly

51.4770, 6.6668, 8.3517

Deuteranomaly

51.2450, 1.8512, 12.9401

Tritanomaly

50.5030, -2.7130, 30.2539

Monochromacy



Original Color

50.4090, 3.2494, 31.2133

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.1200, 1.4198, 11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.4090, 3.2494, 31.2133 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(86, 31, 57)` looks like.

```
.text, #text, p{  
    color:rgb(86, 31, 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(86, 31, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 31, 57) }
```

Border

The CSS property to change the border of an element to YUV 50.4090, 3.2494, 31.2133 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(86, 31, 57) }
```


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

```
.border{ border-color:rgb(86, 31, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 31, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 31, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 31, 57);  
box-shadow:4px 4px 4px 4px rgb(86, 31, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.4090, 3.2494, 31.2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 31, 57) }
```

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

```
.background{ background-color: rgb(86, 31,  
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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