

Converting Colors

YUV(50.4340, 5.2090, 9.2664)

Have a look what the booklet for
YUV(50.4340, 5.2090, 9.2664)
contains.

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Color

**YUV(50.4340, 5.2090,
9.2664)**

Conversions

Conversions Part 1

Format	Color
Hex	3D2B3D
RGB	61, 43, 61
RGB Percent	24%, 17%, 24%
CMY	0.7608, 0.8314, 0.7608
CMYK	0.00, 0.30, 0.00, 0.76
HSL	300°, 17%, 20%
HSV	300°, 30%, 24%
XYZ	3.6306, 3.0568, 4.8135
YIQ	50.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

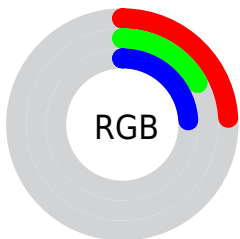
Format	Color
R_{YB}	61, 43, 61
Decimal	4008765
CIE _{Lab}	20.27, 12.06, -8.18
CIE _{LCh}	20, 14.571, 325.829
Yxy	3.0568, 0.3157, 0.2658
Android (android.graphics.Color)	4282198845 (0xFF3D2B3D)
YUV	50.4340, 5.2090, 9.2664
Hunter-Lab	17.4836, 6.4709, -4.0850

Details

The YUV color **50.4340, 5.2090, 9.2664** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.5660, -5.2090, -9.2664**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.1460, 5.3510, 10.3960**, and **8.1460, 5.3510, 10.3960** is the 20% darker color. If you saturate the color by 10%, you get **46.9120, 6.9454, 12.3552**, and if you desaturate by 10%, it is **53.9560, 3.4727, 6.1776**.

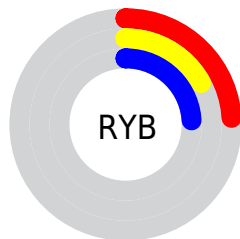
Distribution



Red (24%)

Green (17%)

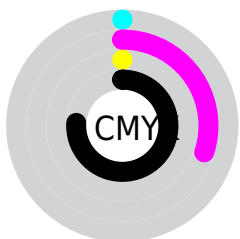
Blue (24%)



Red (24%)

Yellow (17%)

Blue (24%)

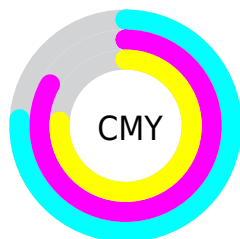


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (76%)



Cyan (76%)

Magenta (83%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.4340, 5.2090, 9.2664 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 50.4340, 5.2090, 9.2664 by changing the saturation by 10% instead.

■ 50.4340, 5.2090,
9.2664

■ 50.4340, 5.2090,
9.2664

■ 255.0000, 0.0000,
0.0000

■ 29.0210, 4.9196,
8.7516

■ 97.1460, 5.3510,
10.3960

■ 8.1460, 5.3510,
10.3960

■ 121.6730, 6.0772,
10.8108

■ 0.0000, 0.0000,
0.0000

■ 147.6730, 6.0772,
10.8108

■ 174.0860, 6.3666,
11.3256

■ 201.4990, 6.6560,
11.8404

■ 229.7980, 6.5086,

12.4552

251.4780, 1.7363,
3.0888

50.4340, 5.2090,
9.2664

50.4340, 5.2090,
9.2664

46.9120, 6.9454,
12.3552

53.9560, 3.4727,
6.1776

43.3900, 8.6817,
15.4440

57.4780, 1.7363,
3.0888

39.8680, 10.4181,
18.5328

61.0000, 0.0000,
0.0000

36.3460, 12.1544,
21.6216

64.5220, -1.7363,
-3.0888

32.8240, 13.8908,
24.7104

68.6310, -3.7621,
-6.6924

■ 28.7150, 15.9165,
28.3139

■ 72.1530, -5.4984,
-9.7812

■ 25.1930, 17.6529,
31.4027

■ 75.6750, -7.2348,
-12.8700

■ 79.1970, -8.9711,
-15.9588

■ 82.7190, -10.7075,
-19.0476

Harmonies

Analogous

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



49.6930, 9.0254, -1.4848



50.4340, 5.2090, 9.2664



50.2130, 0.3880, 15.5992

Triad

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



50.4340, 5.2090, 9.2664



48.4110, -10.0626, 7.5326



41.5990, 8.0857, -26.8353

Complementary

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



50.4340, 5.2090, 9.2664



53.5660, -5.2090, -9.2664

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.



43.9220, 1.5175, -20.1026



50.4340, 5.2090, 9.2664



47.2960, -9.0199, -0.2596

Square

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



50.4340, 5.2090, 9.2664



49.2100, -8.4845, 14.7248



45.4950, -4.1880, -10.0811



43.1200, 11.2798, -24.6612

Rectangle

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



50.4340, 5.2090, 9.2664



50.0130, -2.9644, 17.5286



45.4950, -4.1880, -10.0811



42.3280, 5.7543, -25.7207

Sweetspot

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



50.4340, 5.2090, 9.2664



74.8910, 2.0257, 3.6036



45.0520, 7.8624, -1.7996



38.0650, 1.4470, 2.5740



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



50.4340, 5.2090, 9.2664



62.5640, 8.1029, 14.4144



49.4080, 1.2779, 10.1662



29.2390, 0.8682, 1.5444



38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Inverse Universe

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



50.4340, 5.2090, 9.2664



62.5640, 8.1029, 14.4144



54.5920, -1.2779, -10.1662



29.2390, 0.8682, 1.5444



38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Previews

White Background



This preview shows how the YUV color 50.4340, 5.2090, 9.2664 looks on a white background.

Color Contrast Check

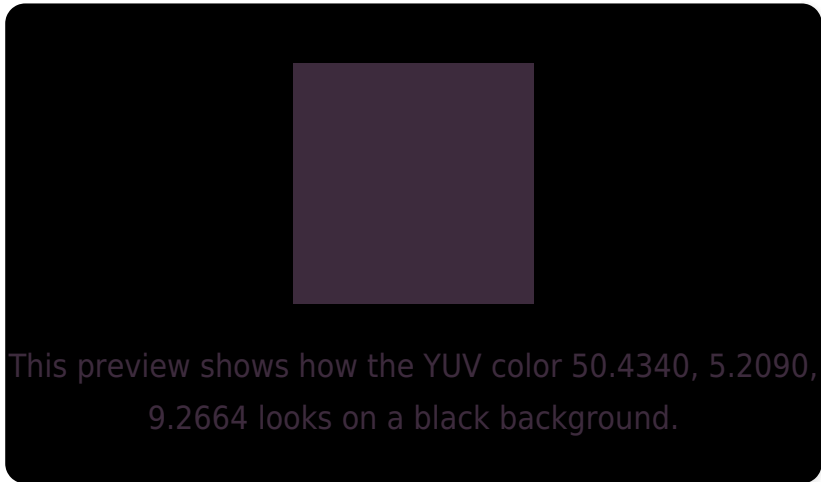
Large Text (above 18pt) WCAG AA ✓ Pass

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

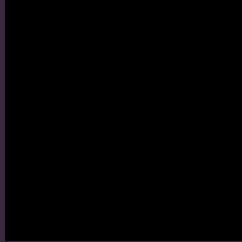
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.4340, 5.2090, 9.2664

Background



This preview shows how black text looks on a background with the YUV color 50.4340, 5.2090, 9.2664.



This preview shows how white text looks on a background with the YUV color 50.4340, 5.2090,

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

50.4340, 5.2090, 9.2664

Protanopia

49.6280, 7.5784, -4.0588

Deuteranopia

49.3680, 5.2416, -1.1997



Tritanopia

49.6420, -0.3165, 8.2070

Trichromacy



Original Color

50.4340, 5.2090, 9.2664

Protanomaly

50.1340, 6.8359, 0.7595

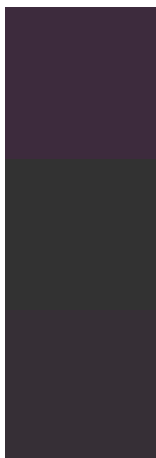
Deuteranomaly

49.6890, 5.0833, 2.9037

Tritanomaly

49.8100, 1.5727, 8.9366

Monochromacy



Original Color

50.4340, 5.2090, 9.2664

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8910, 2.0257, 3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.4340, 5.2090, 9.2664 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(61, 43, 61)` looks like.

```
.text, #text, p{  
    color:rgb(61, 43, 61)  
}
```

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(61, 43, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 43, 61) }
```

Border

The CSS property to change the border of an element to YUV 50.4340, 5.2090, 9.2664 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(61, 43, 61) }
```


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

```
.border{ border-color:rgb(61, 43, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 43, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 43, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 43, 61);  
box-shadow:4px 4px 4px 4px rgb(61, 43, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.4340, 5.2090, 9.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 43, 61) }
```

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

```
.background{ background-color: rgb(61, 43,  
61) }
```

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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