

Converting Colors

YUV(50.0590, 3.9149, 4.3333)

Have a look what the booklet for
YUV(50.0590, 3.9149, 4.3333)
contains.

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Color

**YUV(50.0590, 3.9149,
4.3333)**

Conversions

Conversions Part 1

Format	Color
Hex	372E3A
RGB	55, 46, 58
RGB Percent	22%, 18%, 23%
CMY	0.7843, 0.8196, 0.7725
CMYK	0.05, 0.21, 0.00, 0.77
HSL	285°, 12%, 20%
HSV	285°, 21%, 23%
XYZ	3.3163, 3.0717, 4.4211
YIQ	50.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

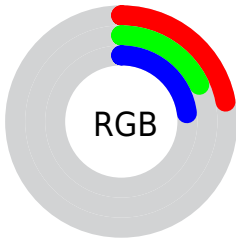
Format	Color
R_{YB}	55, 46, 58
Decimal	3616314
CIE Lab	20.33, 6.79, -6.11
CIE LCh	20, 9.134, 318.051
Yxy	3.0717, 0.3068, 0.2842
Android (android.graphics.Color)	4281806394 (0xFF372E3A)
YUV	50.0590, 3.9149, 4.3333
Hunter-Lab	17.5263, 3.1042, -2.6878

Details

The YUV color **50.0590, 3.9149, 4.3333** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.9410, -3.9149, -4.3333**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.4720, 4.2043, 4.8481**, and **5.2980, 4.7831, 5.8777** is the 20% darker color. If you saturate the color by 10%, you get **46.2380, 5.7987, 6.8073**, and if you desaturate by 10%, it is **53.8800, 2.0312, 1.8592**.

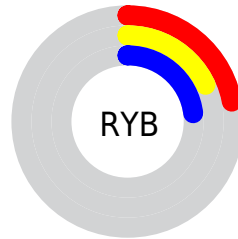
Distribution



Red (22%)

Green (18%)

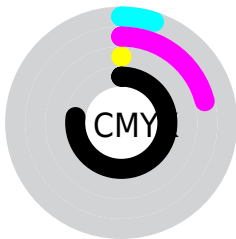
Blue (23%)



Red (22%)

Yellow (18%)

Blue (23%)

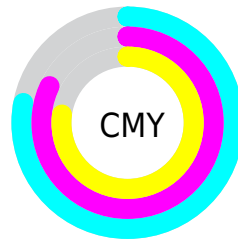


Cyan (5%)

Magenta (21%)

Yellow (0%)

Black (77%)



Cyan (78%)

Magenta (82%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.0590, 3.9149, 4.3333 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 50.0590, 3.9149, 4.3333 by changing the saturation by 10% instead.

■ 50.0590, 3.9149,
4.3333

■ 50.0590, 3.9149,
4.3333

255.0000, 0.0000,
0.0000

■ 28.9450, 3.4781,
4.4332

■ 96.4720, 4.2043,
4.8481

■ 5.2980, 4.7831,
5.8777

■ 120.8850, 4.4937,
5.3629

■ 0.0000, 0.0000,
0.0000

■ 146.8850, 4.4937,
5.3629

■ 173.2980, 4.7831,
5.8777

■ 200.9990, 4.9305,
5.2629

■ 228.9990, 4.9305,

5.2629

253.2390, 0.8682,
1.5444

50.0590, 3.9149,
4.3333

50.0590, 3.9149,
4.3333

46.2380, 5.7987,
6.8073

53.8800, 2.0312,
1.8592

42.1180, 7.8298,
8.6665

58.0000, 0.0000,
0.0000

38.8840, 9.4242,
10.6257

61.2340, -1.5944,
-1.9592

34.7640, 11.4553,
12.4850

65.3540, -3.6255,
-3.8185

30.9430, 13.3391,
14.9590

69.1750, -5.5093,
-6.2925

■ 26.8230, 15.3703,
16.8182

■ 73.2950, -7.5404,
-8.1517

■ 23.0020, 17.2540,
19.2922

■ 77.1160, -9.4242,
-10.6257

■ 19.7680, 18.8484,
21.2515

■ 80.6490, -11.1660,
-11.9702

■ 84.4700, -13.0497,
-14.4442

Harmonies

Analogous

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



49.2970, 6.2626, -2.0145



50.0590, 3.9149, 4.3333



50.5820, 0.6991, 9.1366

Triad

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



50.0590, 3.9149, 4.3333



49.3230, -6.5682, 6.7327



46.4220, 3.2430, -13.5251

Complementary

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



50.0590, 3.9149, 4.3333



53.9410, -3.9149, -4.3333

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.



46.8200, -0.4043, -10.3661



50.0590, 3.9149, 4.3333



48.4040, -6.1152, 1.3997

Square

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



50.0590, 3.9149, 4.3333



49.6870, -5.2687, 9.9215



47.6420, -3.7675, -4.9480



46.5190, 6.1531, -13.6102

Rectangle

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



50.0590, 3.9149, 4.3333



50.0230, -1.4903, 11.3808



47.6420, -3.7675, -4.9480



46.4930, 2.2220, -12.7104

Sweetspot

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



50.0590, 3.9149, 4.3333



73.4670, 1.7418, 1.3444



49.1290, 4.3734, -2.7441



36.8260, 0.5788, 1.0296



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



50.0590, 3.9149, 4.3333



63.7650, 6.5249, 7.2221



50.6140, 2.1623, 6.4775



25.9400, 1.0156, 0.9296



31.1190, 30.0143, 33.2216



74.0020, 71.4840, 78.9282

Inverse Universe

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



49.9300, -0.4585, 7.0774



63.5500, -0.7641, 11.7957



53.3860, -2.1623, -6.4775



26.0110, -0.0054, 1.7444



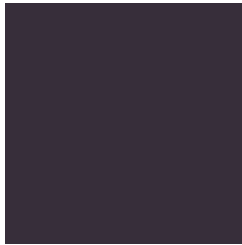
30.1300, -3.5151, 54.2600



71.7510, -8.2582, 129.1374

Previews

White Background



This preview shows how the YUV color 50.0590, 3.9149, 4.3333 looks on a white background.

Color Contrast Check

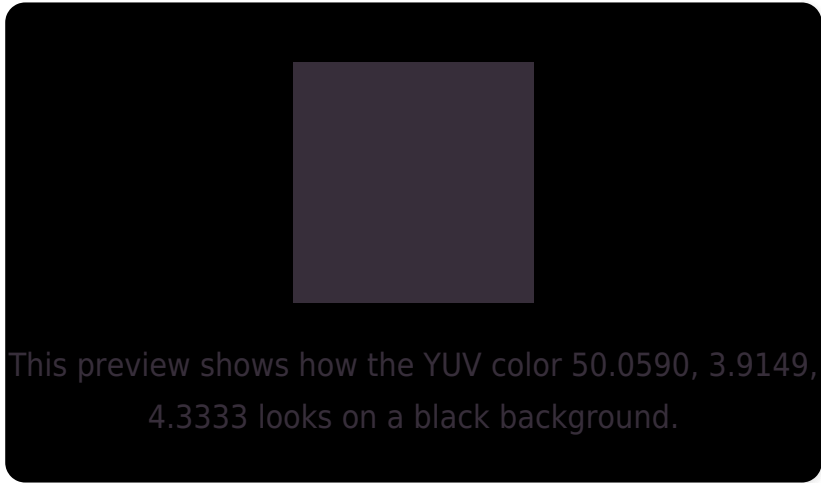
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0590, 3.9149, 4.3333

Background



This preview shows how black text looks on a background with the YUV color 50.0590, 3.9149, 4.3333.



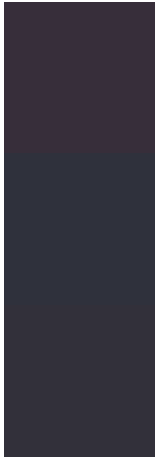
This preview shows how white text looks on a background with the YUV color 50.0590, 3.9149,

4.3333.

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

50.0590, 3.9149, 4.3333

Protanopia

49.6560, 5.0996, -2.3293

Deuteranopia

49.7380, 4.0732, 0.2298



Tritanopia

49.5490, 0.7153, 3.9035

Trichromacy



Original Color

50.0590, 3.9149, 4.3333

Protanomaly

49.8520, 4.5100, 0.1298

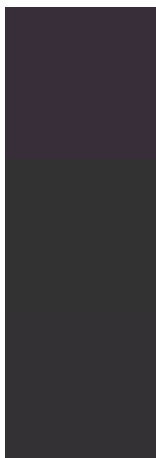
Deuteranomaly

49.7490, 4.0677, 1.9741

Tritanomaly

49.8910, 2.0257, 3.6036

Monochromacy



Original Color

50.0590, 3.9149, 4.3333

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.3530, 1.3050, 1.4444

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.0590, 3.9149, 4.3333 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(55, 46, 58)` looks like.

```
.text, #text, p{  
    color:rgb(55, 46, 58)  
}
```

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(55, 46, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 46, 58) }
```

Border

The CSS property to change the border of an element to YUV 50.0590, 3.9149, 4.3333 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(55, 46, 58) }
```


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

```
.border{ border-color:rgb(55, 46, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 46, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 46, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 46, 58);  
box-shadow:4px 4px 4px 4px rgb(55, 46, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.0590, 3.9149, 4.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 46, 58) }
```

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

```
.background{ background-color: rgb(55, 46,  
58) }
```

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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