

Converting Colors

YUV(50.5970, 4.6357, 6.4924)

Have a look what the booklet for
YUV(50.5970, 4.6357, 6.4924)
contains.

YUV(50.5970, 4.6357, 6.4924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(50.5970, 4.6357,
6.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	3A2D3C
RGB	58, 45, 60
RGB Percent	23%, 18%, 24%
CMY	0.7725, 0.8235, 0.7647
CMYK	0.03, 0.25, 0.00, 0.76
HSL	292°, 14%, 21%
HSV	292°, 25%, 24%
XYZ	3.4989, 3.1026, 4.6894
YIQ	50.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

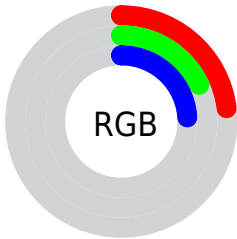
Format	Color
R_{YB}	58, 45, 60
Decimal	3812668
CIE Lab	20.45, 9.22, -7.26
CIE LCh	20, 11.733, 321.773
Yxy	3.1026, 0.3099, 0.2748
Android (android.graphics.Color)	4282002748 (0xFF3A2D3C)
YUV	50.5970, 4.6357, 6.4924
Hunter-Lab	17.6141, 4.6332, -3.4550

Details

The YUV color **50.5970, 4.6357, 6.4924** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.4030, -4.6357, -6.4924**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.0100, 4.9251, 7.0072**, and **6.8360, 5.5039, 8.0368** is the 20% darker color. If you saturate the color by 10%, you get **46.7760, 6.5194, 8.9664**, and if you desaturate by 10%, it is **54.4180, 2.7519, 4.0184**.

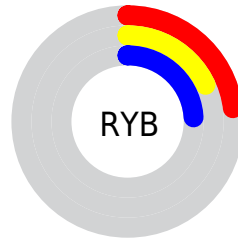
Distribution



Red (23%)

Green (18%)

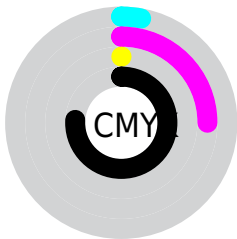
Blue (24%)



Red (23%)

Yellow (18%)

Blue (24%)

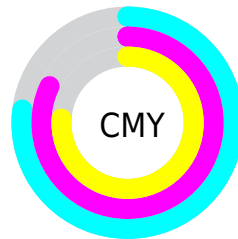


Cyan (3%)

Magenta (25%)

Yellow (0%)

Black (76%)



Cyan (77%)

Magenta (82%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.5970, 4.6357, 6.4924 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 50.5970, 4.6357, 6.4924 by changing the saturation by 10% instead.

■ 50.5970, 4.6357,
6.4924

■ 50.5970, 4.6357,
6.4924

■ 255.0000, 0.0000,
0.0000

■ 29.1840, 4.3463,
5.9776

■ 97.0100, 4.9251,
7.0072

■ 6.8360, 5.5039,
8.0368

■ 121.5370, 5.6513,
7.4221

■ 0.0000, 0.0000,
0.0000

■ 147.8360, 5.5039,
8.0368

■ 174.2490, 5.7932,
8.5516

■ 201.2490, 5.7932,
8.5516

■ 229.6620, 6.0826,

9.0664

252.6520, 1.1576,
2.0592

50.5970, 4.6357,
6.4924

50.5970, 4.6357,
6.4924

46.7760, 6.5194,
8.9664

54.4180, 2.7519,
4.0184

42.9550, 8.4032,
11.4405

58.2390, 0.8682,
1.5444

39.4330, 10.1395,
14.5293

61.7610, -0.8682,
-1.5444

35.6120, 12.0233,
17.0033

65.5820, -2.7519,
-4.0184

31.7910, 13.9070,
19.4773

69.4030, -4.6357,
-6.4924

■ 27.9700, 15.7908,
21.9513

■ 73.2240, -6.5194,
-8.9664

■ 24.1490, 17.6745,
24.4253

■ 77.0450, -8.4032,
-11.4405

■ 22.3880, 18.5427,
25.9697

■ 80.5670, -10.1395,
-14.5293

■ 84.3880, -12.0233,
-17.0033

Harmonies

Analogous

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



49.6390, 7.5730, -2.3144



50.5970, 4.6357, 6.4924



50.6040, 0.6882, 12.6253

Triad

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



50.5970, 4.6357, 6.4924



49.1660, -8.4628, 7.7474



44.8450, 5.0064, -19.1581

Complementary

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



50.5970, 4.6357, 6.4924



54.4030, -4.6357, -6.4924

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.



46.0260, 0.4802, -14.0548



50.5970, 4.6357, 6.4924



48.3500, -7.5675, 0.5701

Square

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



50.5970, 4.6357, 6.4924



49.6550, -6.7319, 12.5806



47.1040, -4.4883, -7.1072



45.6540, 8.0586, -18.1136

Rectangle

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



50.5970, 4.6357, 6.4924



50.5180, -2.2274, 14.4547



47.1040, -4.4883, -7.1072



45.1010, 3.4012, -17.6286

Sweetspot

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



50.5970, 4.6357, 6.4924



75.1790, 1.8838, 2.4740



47.8840, 5.9732, -2.5293



38.3530, 1.3050, 1.4444



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.



50.5970, 4.6357, 6.4924



64.0150, 7.3876, 10.5108



50.5110, 1.7201, 8.3219



28.9400, 1.0156, 0.9296



35.2340, 28.9716, 41.0138



82.7160, 68.6670, 95.8421

Inverse Universe

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



49.7130, -1.3375, 9.0217



62.5180, -2.2274, 14.4547



54.4890, -1.7201, -8.3219



28.8970, -0.4422, 1.8443



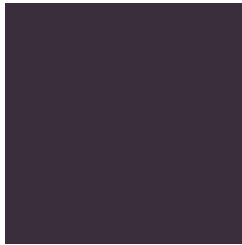
29.5880, -8.1779, 56.4893



69.7980, -19.6204, 133.4812

Previews

White Background



This preview shows how the YUV color 50.5970, 4.6357, 6.4924 looks on a white background.

Color Contrast Check

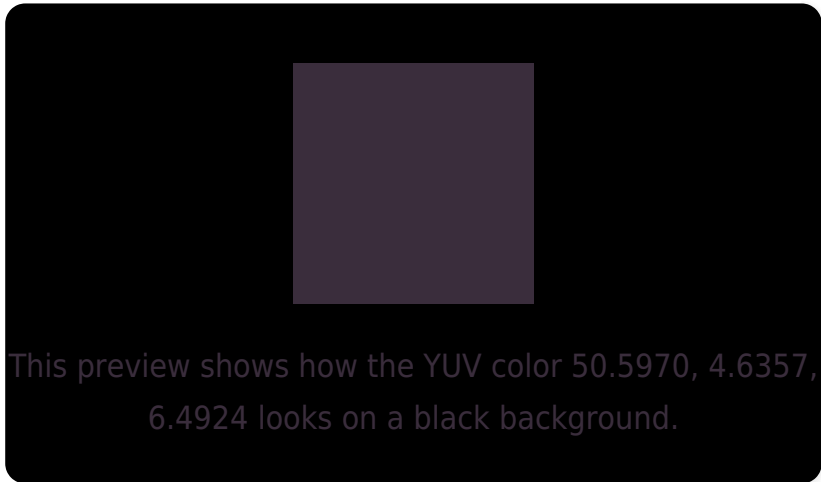
Large Text (above 18pt) WCAG AA ✓ Pass

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

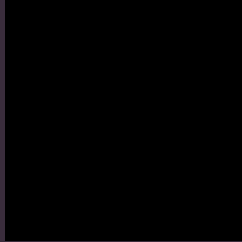
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.5970, 4.6357, 6.4924

Background



This preview shows how black text looks on a background with the YUV color 50.5970, 4.6357, 6.4924.



This preview shows how white text looks on a background with the YUV color 50.5970, 4.6357,

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

50.5970, 4.6357, 6.4924

Protanopia

49.6990, 6.5574, -3.2440

Deuteranopia

49.5530, 4.6574, -0.4850



Tritanopia

50.3320, -0.1637, 5.8478

Trichromacy



Original Color

50.5970, 4.6357, 6.4924

Protanomaly

50.1940, 5.8204, -0.1701

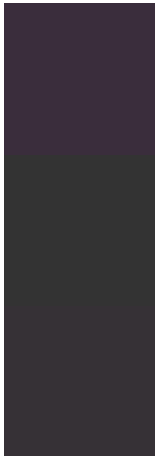
Deuteranomaly

49.8630, 4.5045, 1.8741

Tritanomaly

50.2010, 1.8729, 5.9627

Monochromacy



Original Color

50.5970, 4.6357, 6.4924

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0650, 1.4470, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.5970, 4.6357, 6.4924 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(58, 45, 60)` looks like.

```
.text, #text, p{  
    color:rgb(58, 45, 60)  
}
```

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(58, 45, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 45, 60) }
```

Border

The CSS property to change the border of an element to YUV 50.5970, 4.6357, 6.4924 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(58, 45, 60) }
```


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

```
.border{ border-color:rgb(58, 45, 60) }
```

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

Here you see how a box with a 4 pixel rgb(58, 45, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 45, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 45, 60);  
box-shadow:4px 4px 4px 4px rgb(58, 45, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.5970, 4.6357, 6.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 45, 60) }
```

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

```
.background{ background-color: rgb(58, 45,  
60) }
```

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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