

Converting Colors

YUV(56.9540, -6.8793, 13.1953)

Have a look what the booklet for
YUV(56.9540, -6.8793, 13.1953)
contains.

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Color

**YUV(56.9540, -6.8793,
13.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	48342B
RGB	72, 52, 43
RGB Percent	28%, 20%, 17%
CMY	0.7176, 0.7961, 0.8314
CMYK	0.00, 0.28, 0.40, 0.72
HSL	19°, 25%, 23%
HSV	19°, 40%, 28%
XYZ	4.3365, 4.0081, 2.8306
YIQ	56.9540, 14.8090, 1.4410

Conversions

Conversions Part 2

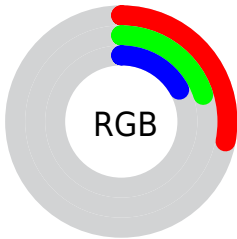
Format	Color
RYB	72, 56, 43
Decimal	4731947
CIELab	23.70, 7.55, 9.20
CIElCh	24, 11.900, 50.616
Yxy	4.0081, 0.3880, 0.3587
Android (android.graphics.Color)	4282922027 (0xFF48342B)
YUV	56.9540, -6.8793, 13.1953
Hunter-Lab	20.0203, 3.6288, 5.6314

Details

The YUV color **56.9540, -6.8793, 13.1953** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **58.0460, 6.8793, -13.1953**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.7370, -7.7583, 15.1397**, and **12.7800, -6.3005, 14.2249** is the 20% darker color. If you saturate the color by 10%, you get **53.2210, -8.4900, 16.4692**, and if you desaturate by 10%, it is **60.6870, -5.2687, 9.9215**.

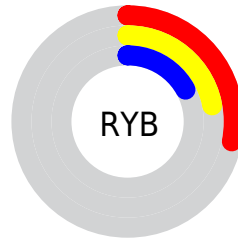
Distribution



Red (28%)

Green (20%)

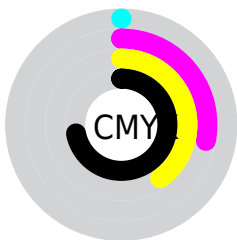
Blue (17%)



Red (28%)

Yellow (22%)

Blue (17%)

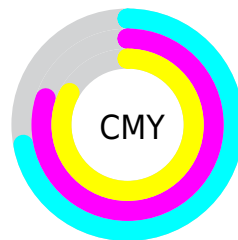


Cyan (0%)

Magenta (28%)

Yellow (40%)

Black (72%)



Cyan (72%)

Magenta (80%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.9540, -6.8793, 13.1953 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 56.9540, -6.8793, 13.1953 by changing the saturation by 10% instead.

■ 56.9540, -6.8793,
13.1953

■ 56.9540, -6.8793,
13.1953

255.0000, 0.0000,
0.0000

■ 35.4700, -6.1477,
11.8658

■ 103.7370, -7.7583,
15.1397

■ 12.7800, -6.3005,
14.2249

■ 129.0360, -7.9057,
15.7544

■ 0.0000, 0.0000,
0.0000

■ 155.2210, -8.4900,
16.4692

■ 182.5200, -8.6374,
17.0840

■ 209.8190, -8.7848,
17.6987

■ 236.9220, -8.3425,

15.8544

254.2020, -3.0576,
0.6998

56.9540, -6.8793,
13.1953

56.9540, -6.8793,
13.1953

53.2210, -8.4900,
16.4692

60.6870, -5.2687,
9.9215

49.4880, -10.1006,
19.7430

64.4200, -3.6581,
6.6477

45.6410, -12.1480,
23.1168

68.2670, -1.6106,
3.2738

41.9080, -13.7586,
26.3907

72.0000, 0.0000,
0.0000

38.1750, -15.3693,
29.6645

75.7330, 1.6106,
-3.2738

■ 34.4420, -16.9799,
32.9384

■ 79.4660, 3.2213,
-6.5477

■ 83.1990, 4.8319,
-9.8215

■ 87.0460, 6.8793,
-13.1953

■ 90.7790, 8.4900,
-16.4692

Harmonies

Analogous

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



57.5890, -3.2484, 15.2694



56.9540, -6.8793, 13.1953



56.4650, -8.6102, 8.3622

Triad

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



56.9540, -6.8793, 13.1953



52.9120, 0.0434, -13.9548



56.7530, 8.0098, -2.4144

Complementary

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



56.9540, -6.8793, 13.1953



58.0460, 6.8793, -13.1953

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.



55.0400, 9.3473, -11.4361



56.9540, -6.8793, 13.1953



51.8450, 5.0064, -19.1581

Square

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



56.9540, -6.8793, 13.1953



54.1040, -4.4883, -7.1072



52.7680, 8.4954, -18.2135



57.7110, 5.0725, 6.3925

Rectangle

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



56.9540, -6.8793, 13.1953



55.8450, -8.3046, 3.6439



52.7680, 8.4954, -18.2135



56.2580, 8.7468, -5.4883

Sweetspot

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



56.9540, -6.8793, 13.1953



88.6370, -2.7790, 4.7034



53.9510, 4.4612, 15.8290



44.9680, -1.4632, 2.6591



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



56.9540, -6.8793, 13.1953



70.6730, -10.6848, 20.4578



65.1720, -10.9308, 5.9882



33.7830, -0.8790, 1.9443



47.7980, -23.5644, 44.9042



108.9630, -53.7188, 103.5184

Inverse Universe

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



58.0460, 6.8793, -13.1953



72.3270, 10.6848, -20.4578



49.8280, 10.9308, -5.9882



34.2170, 0.8790, -1.9443



51.7890, 23.2750, -45.4190



118.0370, 53.7188, -103.5184

Previews

White Background



This preview shows how the YUV color 56.9540, -6.8793, 13.1953 looks on a white background.

Color Contrast Check

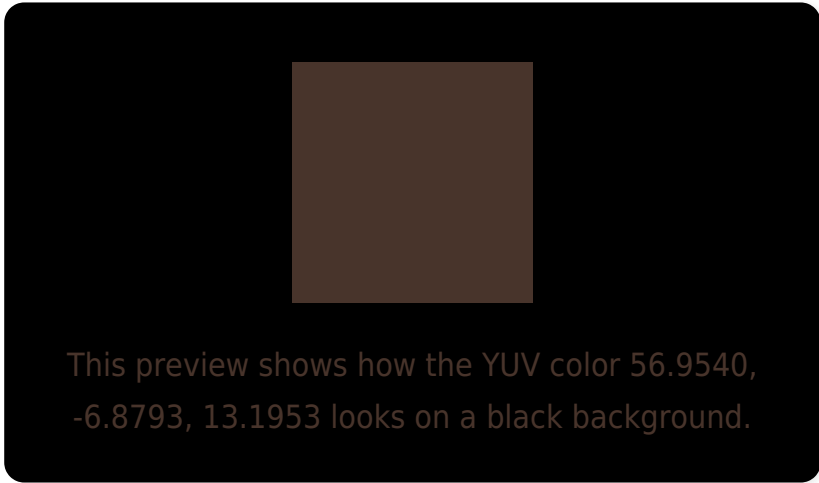
Large Text (above 18pt) WCAG AA ✓ Pass

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

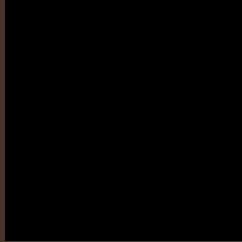
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.9540, -6.8793, 13.1953

Background



This preview shows how black text looks on a background with the YUV color 56.9540, -6.8793, 13.1953.



This preview shows how white text looks on a background with the YUV color 56.9540, -6.8793,

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

56.9540, -6.8793, 13.1953

Protanopia

56.5290, -5.6838, 3.0441

Deuteranopia

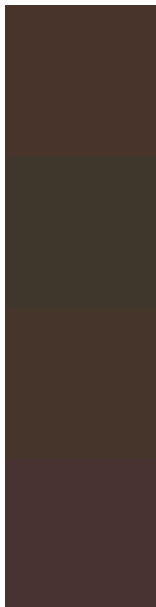
56.6330, -6.7211, 9.0919



Tritanopia

57.3330, -1.6432, 13.7400

Trichromacy



Original Color

56.9540, -6.8793, 13.1953

Protanomaly

56.4370, -6.1314, 6.6328

Deuteranomaly

56.6440, -6.7265, 10.8362

Tritanomaly

57.4640, -3.6798, 13.6251

Monochromacy



Original Color

56.9540, -6.8793, 13.1953

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.7510, -2.3422, 4.6034

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.9540, -6.8793, 13.1953 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(72, 52, 43)` looks like.

```
.text, #text, p{  
    color:rgb(72, 52, 43)  
}
```

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(72, 52, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 52, 43) }
```

Border

The CSS property to change the border of an element to YUV 56.9540, -6.8793, 13.1953 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(72, 52, 43) }
```


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

```
.border{ border-color:rgb(72, 52, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 52, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 52, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 52, 43);  
box-shadow:4px 4px 4px 4px rgb(72, 52, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.9540, -6.8793, 13.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 52, 43) }
```

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

```
.background{ background-color: rgb(72, 52,  
43) }
```

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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