

Converting Colors

YUV(52.0110, 3.4456, 14.8994)

Have a look what the booklet for
YUV(52.0110, 3.4456, 14.8994)
contains.

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Color

**YUV(52.0110, 3.4456,
14.8994)**

Conversions

Conversions Part 1

Format	Color
Hex	452A3B
RGB	69, 42, 59
RGB Percent	27%, 16%, 23%
CMY	0.7294, 0.8353, 0.7686
CMYK	0.00, 0.39, 0.14, 0.73
HSL	322°, 24%, 22%
HSV	322°, 39%, 27%
XYZ	4.0716, 3.2369, 4.5479
YIQ	52.0110, 10.6350, 11.0110

Conversions

Conversions Part 2

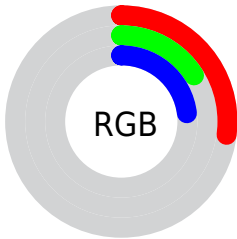
Format	Color
RYB	69, 42, 59
Decimal	4532795
CIELab	20.97, 15.60, -5.65
CIELCh	21, 16.594, 340.082
Yxy	3.2369, 0.3434, 0.2730
Android (android.graphics.Color)	4282722875 (0xFF452A3B)
YUV	52.0110, 3.4456, 14.8994
Hunter-Lab	17.9914, 8.9113, -2.3933

Details

The YUV color **52.0110, 3.4456, 14.8994** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **58.9890, -3.4456, -14.8994**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.0220, 3.4402, 16.6437**, and **10.3100, 3.2982, 15.5141** is the 20% darker color. If you saturate the color by 10%, you get **47.5600, 4.1609, 18.8029**, and if you desaturate by 10%, it is **56.4620, 2.7302, 10.9958**.

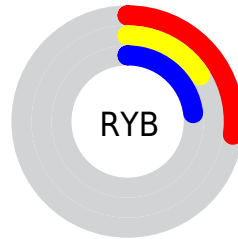
Distribution



Red (27%)

Green (16%)

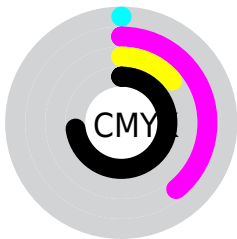
Blue (23%)



Red (27%)

Yellow (16%)

Blue (23%)

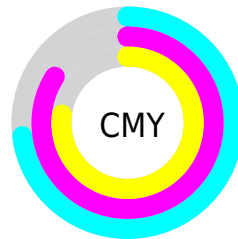


Cyan (0%)

Magenta (39%)

Yellow (14%)

Black (73%)



Cyan (73%)

Magenta (84%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.0110, 3.4456, 14.8994 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 52.0110, 3.4456, 14.8994 by changing the saturation by 10% instead.

■ 52.0110, 3.4456,
14.8994

■ 52.0110, 3.4456,
14.8994

255.0000, 0.0000,
0.0000

■ 30.2990, 3.3036,
13.7698

■ 99.0220, 3.4402,
16.6437

■ 10.3100, 3.2982,
15.5141

■ 123.7340, 3.5821,
17.7733

■ 0.0000, 0.0000,
0.0000

■ 149.7340, 3.5821,
17.7733

■ 176.4460, 3.7241,
18.9029

■ 204.4460, 3.7241,
18.9029

■ 232.1580, 3.8661,

20.0324

250.8910, 2.0257,
3.6036

52.0110, 3.4456,
14.8994

52.0110, 3.4456,
14.8994

47.5600, 4.1609,
18.8029

56.4620, 2.7302,
10.9958

43.2230, 5.3131,
22.6064

60.7990, 1.5781,
7.1923

38.7720, 6.0284,
26.5100

65.2500, 0.8628,
3.2887

34.4350, 7.1805,
30.3135

69.5870, -0.2894,
-0.5148

30.5710, 7.6065,
33.7022

74.0380, -1.0047,
-4.4183

■ 26.2340, 8.7586,
37.5058

■ 77.7880, -1.8675,
-7.7071

■ 25.5330, 8.6112,
38.1206

■ 82.2390, -2.5828,
-11.6106

■ 86.5760, -3.7350,
-15.4142

■ 91.0270, -4.4503,
-19.3177

Harmonies

Analogous

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



51.9110, 8.4249, 4.4631



52.0110, 3.4456, 14.8994



51.5510, -2.2436, 19.6878

Triad

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



52.0110, 3.4456, 14.8994



49.0470, -11.3622, 4.3438



40.3960, 12.6228, -35.4273

Complementary

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



52.0110, 3.4456, 14.8994



58.9890, -3.4456, -14.8994

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.



41.7080, 6.0600, -30.4389



52.0110, 3.4456, 14.8994



47.4910, -8.1301, -5.6926

Square

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



52.0110, 3.4456, 14.8994



50.2160, -10.9525, 12.9656



45.4340, -1.6930, -17.0436



45.1030, 13.7532, -24.6463

Rectangle

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



52.0110, 3.4456, 14.8994



51.2260, -6.0274, 19.9728



45.4340, -1.6930, -17.0436



40.5270, 10.5862, -35.5422

Sweetspot

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



52.0110, 3.4456, 14.8994



82.6740, 1.1467, 5.5479



48.0680, 10.3195, 3.4484



41.6630, 1.1521, 3.8035



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



52.0110, 3.4456, 14.8994



62.6360, 5.6025, 23.1212



50.5290, -2.2328, 16.1991



33.4240, 0.2840, 2.2592



36.7830, 12.9250, 54.5643



84.1750, 29.0007, 125.2575

Inverse Universe

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



52.0110, 3.4456, 14.8994



62.6360, 5.6025, 23.1212



60.4710, 2.2328, -16.1991



33.4240, 0.2840, 2.2592



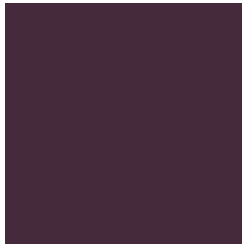
36.7830, 12.9250, 54.5643



84.1750, 29.0007, 125.2575

Previews

White Background



This preview shows how the YUV color 52.0110, 3.4456, 14.8994 looks on a white background.

Color Contrast Check

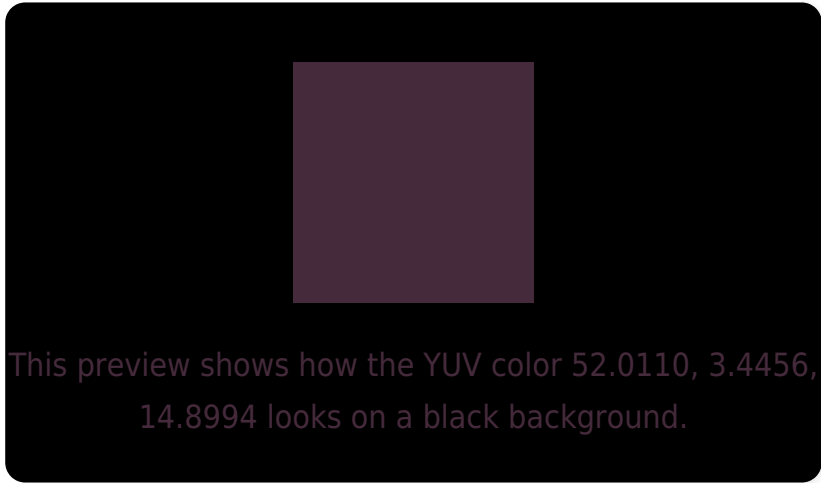
Large Text (above 18pt) WCAG AA ✓ Pass

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

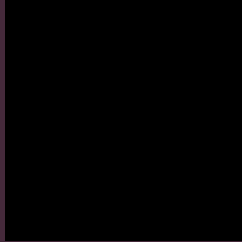
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.0110, 3.4456, 14.8994

Background



This preview shows how black text looks on a background with the YUV color 52.0110, 3.4456, 14.8994.



This preview shows how white text looks on a background with the YUV color 52.0110, 3.4456, 14.8994.

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

52.0110, 3.4456, 14.8994

Protanopia

50.8130, 6.9942, -3.3440

Deuteranopia

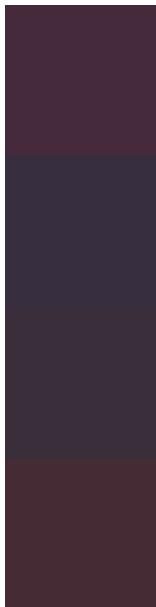
50.9230, 3.4890, 0.9445



Tritanopia

51.6320, -1.7906, 14.3547

Trichromacy



Original Color

52.0110, 3.4456, 14.8994

Protanomaly

51.2160, 5.8095, 3.3186

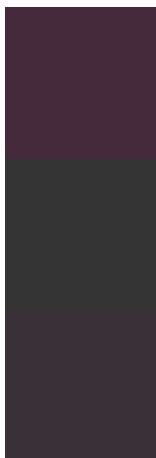
Deuteranomaly

50.9560, 3.4727, 6.1776

Tritanomaly

51.5010, 0.2460, 14.4696

Monochromacy



Original Color

52.0110, 3.4456, 14.8994

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.7880, 1.5835, 5.4479

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.0110, 3.4456, 14.8994 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(69, 42, 59)` looks like.

```
.text, #text, p{  
    color:rgb(69, 42, 59)  
}
```

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(69, 42, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 42, 59) }
```

Border

The CSS property to change the border of an element to YUV 52.0110, 3.4456, 14.8994 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(69, 42, 59) }
```


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

```
.border{ border-color:rgb(69, 42, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 42, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 42, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 42, 59);  
box-shadow:4px 4px 4px 4px rgb(69, 42, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.0110, 3.4456, 14.8994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 42, 59) }
```

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

```
.background{ background-color: rgb(69, 42,  
59) }
```

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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