

Converting Colors

YUV(51.2170, 4.3300, 11.2107)

Have a look what the booklet for
YUV(51.2170, 4.3300, 11.2107)
contains.

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Color

**YUV(51.2170, 4.3300,
11.2107)**

Conversions

Conversions Part 1

Format	Color
Hex	402B3C
RGB	64, 43, 60
RGB Percent	25%, 17%, 24%
CMY	0.7490, 0.8314, 0.7647
CMYK	0.00, 0.33, 0.06, 0.75
HSL	311°, 20%, 21%
HSV	311°, 33%, 25%
XYZ	3.7938, 3.1440, 4.6819
YIQ	51.2170, 7.0590, 9.7390

Conversions

Conversions Part 2

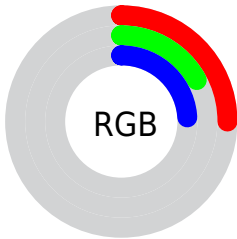
Format	Color
RYB	64, 43, 60
Decimal	4205372
CIELab	20.61, 13.07, -6.94
CIELCh	21, 14.799, 332.016
Yxy	3.1440, 0.3265, 0.2706
Android (android.graphics.Color)	4282395452 (0xFF402B3C)
YUV	51.2170, 4.3300, 11.2107
Hunter-Lab	17.7313, 7.1626, -3.2433




Details

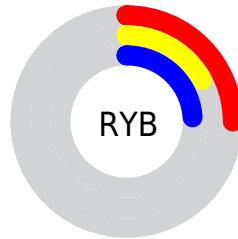
The YUV color **51.2170, 4.3300, 11.2107** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.7830, -4.3300, -11.2107**, and the grayscale version is **51.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **97.9290, 4.4720, 12.3403**, and **8.9290, 4.4720, 12.3403** is the 20% darker color. If you saturate the color by 10%, you get **47.5810, 5.6296, 14.3995**, and if you desaturate by 10%, it is **54.8530, 3.0305, 8.0219**.

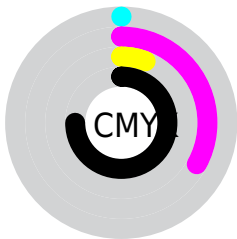
Distribution







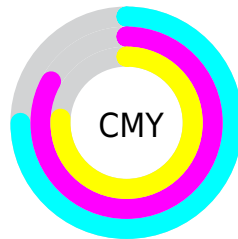
-  Red (25%)
-  Green (17%)
-  Blue (24%)






-  Red (25%)
-  Yellow (17%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (33%)
-  Yellow (6%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (83%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2170, 4.3300, 11.2107 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 51.2170, 4.3300, 11.2107 by changing the saturation by 10% instead.

■ 51.2170, 4.3300,
11.2107

■ 51.2170, 4.3300,
11.2107

■ 255.0000, 0.0000,
0.0000

■ 29.8040, 4.0406,
10.6959

■ 97.9290, 4.4720,
12.3403

■ 8.9290, 4.4720,
12.3403

■ 122.7550, 5.0508,
13.3699

■ 0.0000, 0.0000,
0.0000

■ 148.7550, 5.0508,
13.3699

■ 175.1680, 5.3402,
13.8847

■ 202.4670, 5.1928,
14.4994

■ 230.8800, 5.4822,

15.0142

251.4780, 1.7363,
3.0888

51.2170, 4.3300,
11.2107

51.2170, 4.3300,
11.2107

47.5810, 5.6296,
14.3995

54.8530, 3.0305,
8.0219

43.3580, 7.2185,
18.1030

59.0760, 1.4415,
4.3183

39.6080, 8.0813,
21.3918

62.8260, 0.5788,
1.0296

35.3850, 9.6702,
25.0954

67.0490, -1.0102,
-2.6740

31.7490, 10.9697,
28.2841

70.6850, -2.3097,
-5.8627

■ 28.1130, 12.2693,
31.4729

■ 74.3210, -3.6093,
-9.0515

■ 25.0640, 13.2794,
34.1469

■ 78.6580, -4.7614,
-12.8551

■ 82.2940, -6.0609,
-16.0438

■ 86.5170, -7.6499,
-19.7474

Harmonies

Analogous

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



50.8890, 8.4357, 0.9743



51.2170, 4.3300, 11.2107



50.5830, -0.7804, 17.0287

Triad

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



51.2170, 4.3300, 11.2107



48.6990, -10.2046, 6.4030



42.2290, 9.2541, -28.2648

Complementary

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



51.2170, 4.3300, 11.2107



55.7830, -4.3300, -11.2107

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.



43.9540, 2.9807, -22.7617



51.2170, 4.3300, 11.2107



47.5130, -8.1409, -2.2039

Square

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



51.2170, 4.3300, 11.2107



49.3840, -9.0633, 13.6952



46.2990, -3.5984, -12.5402



44.3590, 12.1480, -23.1168

Rectangle

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



51.2170, 4.3300, 11.2107



50.6710, -4.2748, 17.8285



46.2990, -3.5984, -12.5402



42.0720, 7.3595, -27.2501

Sweetspot

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



51.2170, 4.3300, 11.2107



79.1900, 1.8783, 4.2184



46.5900, 8.5831, 0.3596



39.9510, 1.0102, 2.6740



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



51.2170, 4.3300, 11.2107



63.9450, 6.9291, 17.5882



50.0770, -0.0380, 12.2105



31.2390, 0.8682, 1.5444



37.8950, 19.7718, 51.8351



87.7240, 46.4781, 119.5141

Inverse Universe

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



51.2170, 4.3300, 11.2107



63.9450, 6.9291, 17.5882



56.9230, 0.0380, -12.2105



31.2390, 0.8682, 1.5444



37.8950, 19.7718, 51.8351



87.7240, 46.4781, 119.5141

Previews

White Background



This preview shows how the YUV color 51.2170, 4.3300, 11.2107 looks on a white background.

Color Contrast Check

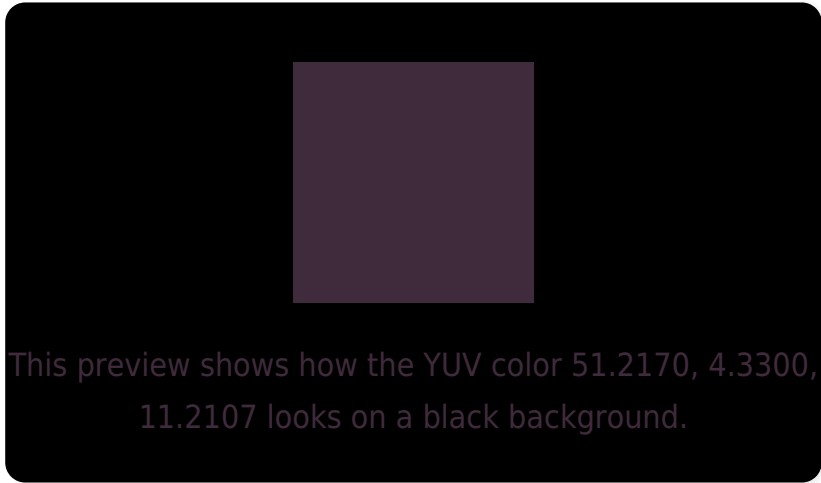
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.2170, 4.3300, 11.2107

Background



This preview shows how black text looks on a background with the YUV color 51.2170, 4.3300, 11.2107.



This preview shows how white text looks on a background with the YUV color 51.2170, 4.3300,

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

51.2170, 4.3300, 11.2107

Protanopia

49.8130, 6.9942, -3.3440

Deuteranopia

50.4390, 4.2206, -0.3850



Tritanopia

50.8380, -0.9061, 10.6661

Trichromacy



Original Color

51.2170, 4.3300, 11.2107

Protanomaly

50.6180, 6.1043, 2.0890

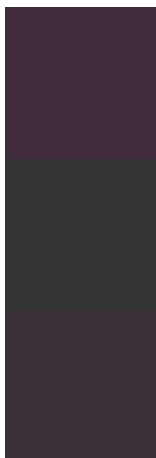
Deuteranomaly

50.7600, 4.0623, 3.7185

Tritanomaly

50.7070, 1.1304, 10.7810

Monochromacy



Original Color

51.2170, 4.3300, 11.2107

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0760, 1.4415, 4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2170, 4.3300, 11.2107 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(64, 43, 60)` looks like.

```
.text, #text, p{  
    color:rgb(64, 43, 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(64, 43, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 43, 60) }
```

Border

The CSS property to change the border of an element to YUV 51.2170, 4.3300, 11.2107 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(64, 43, 60) }
```


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

```
.border{ border-color:rgb(64, 43, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 43, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 43, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 43, 60);  
box-shadow:4px 4px 4px 4px rgb(64, 43, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.2170, 4.3300, 11.2107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 43, 60) }
```

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

```
.background{ background-color: rgb(64, 43,  
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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