

Converting Colors

YUV(75.5810, -4.2304, 50.3565)

Have a look what the booklet for
YUV(75.5810, -4.2304, 50.3565)
contains.

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Color

**YUV(75.5810, -4.2304,
50.3565)**

Conversions

Conversions Part 1

Format	Color
Hex	853043
RGB	133, 48, 67
RGB Percent	52%, 19%, 26%
CMY	0.4784, 0.8118, 0.7373
CMYK	0.00, 0.64, 0.50, 0.48
HSL	347°, 47%, 35%
HSV	347°, 64%, 52%
XYZ	11.7429, 7.5057, 6.1400
YIQ	75.5810, 44.5610, 23.9290

Conversions

Conversions Part 2

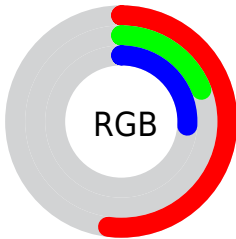
Format	Color
R_{YB}	133, 48, 67
Decimal	8728643
CIE Lab	32.93, 38.12, 7.67
CIE LCh	33, 38.881, 11.377
Yxy	7.5057, 0.4625, 0.2956
Android (android.graphics.Color)	4286918723 (0xFF853043)
YUV	75.5810, -4.2304, 50.3565
Hunter-Lab	27.3965, 28.5663, 5.8897

Details

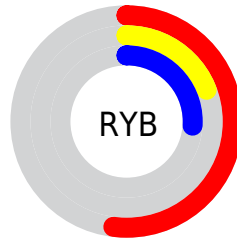
The YUV color **75.5810, -4.2304, 50.3565** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **105.4190, 4.2304, -50.3565**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0330, -6.4253, 54.3451**, and **26.4710, -0.7252, 46.0679** is the 20% darker color. If you saturate the color by 10%, you get **66.8100, -4.8363, 58.0486**, and if you desaturate by 10%, it is **84.3520, -3.6245, 42.6643**.

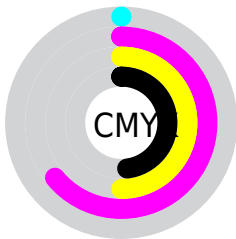
Distribution



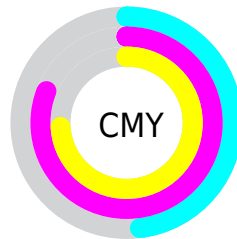
- Red (52%)
- Green (19%)
- Blue (26%)



- Red (52%)
- Yellow (19%)
- Blue (26%)



- Cyan (0%)
- Magenta (64%)
- Yellow (50%)
- Black (48%)



- Cyan (48%)
- Magenta (81%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5810, -4.2304, 50.3565 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 75.5810, -4.2304, 50.3565 by changing the saturation by 10% instead.

■ 75.5810, -4.2304,
50.3565

■ 75.5810, -4.2304,
50.3565

■ 255.0000, 0.0000,
0.0000

■ 49.7380, -2.3358,
49.3418

■ 128.0330, -6.4253,
54.3451

■ 26.4710, -0.7252,
46.0679

■ 154.8160, -7.3043,
56.2894

■ 16.1460, -7.9600,
33.1980

■ 181.8270, -7.3097,
58.0337

■ 5.3820, -2.6533,
11.0660

■ 203.4340, -4.6510,
45.2234

■ 0.0000, 0.0000,
0.0000

■ 223.0620, -0.5236,
28.0096

■ 242.6900, 3.6038,

10.7959

■ 75.5810, -4.2304,
50.3565

■ 75.5810, -4.2304,
50.3565

■ 66.8100, -4.8363,
58.0486

■ 84.3520, -3.6245,
42.6643

■ 57.3380, -5.5896,
66.3556

■ 93.8240, -2.8712,
34.3574

■ 48.5670, -6.1955,
74.0477

■ 102.5950, -2.2653,
26.6652

■ 43.1870, -6.5012,
78.7660

■ 111.3660, -1.6594,
18.9730

■ 120.8380, -0.9061,
10.6661

■ 129.6090, -0.3002,
2.9739

■ 138.3800, 0.3057,
-4.7183

■ 147.2650, 1.3484,
-12.5104

■ 156.6230, 1.6649,
-20.7174

Harmonies

Analogous

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



78.4730, 9.6268, 39.0502



75.5810, -4.2304, 50.3565



75.1770, -18.3283, 45.4488

Triad

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



75.5810, -4.2304, 50.3565



68.6130, -20.0222, -18.0776



65.8720, 34.0801, -57.7697

Complementary

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



75.5810, -4.2304, 50.3565



105.4190, 4.2304, -50.3565

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.



66.7550, 24.7708, -58.5441



75.5810, -4.2304, 50.3565



59.9150, -1.4371, -52.5455

Square

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



75.5810, -4.2304, 50.3565



72.3900, -31.7443, 8.4280



64.1500, 12.2510, -56.2596



71.6950, 32.6884, -31.3045

Rectangle

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



75.5810, -4.2304, 50.3565



75.3470, -26.3001, 35.6527



64.1500, 12.2510, -56.2596



66.5900, 31.7541, -58.3994

Sweetspot

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



75.5810, -4.2304, 50.3565



150.7790, -1.3700, 19.4878



77.1250, 27.5464, 31.4624



73.4360, -1.2009, 11.8956



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



75.5810, -4.2304, 50.3565



83.1870, -6.5012, 78.7660



86.9160, -19.1856, 40.4157



61.9080, -0.4476, 3.5887



42.1760, -6.4958, 77.0216



1.0110, -0.0054, 1.7444

Inverse Universe

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



75.5810, -4.2304, 50.3565



83.1870, -6.5012, 78.7660



94.0840, 19.1856, -40.4157



61.9080, -0.4476, 3.5887



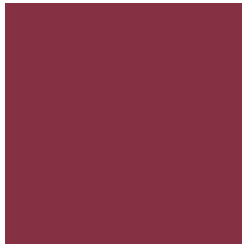
42.1760, -6.4958, 77.0216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 75.5810, -4.2304, 50.3565 looks on a white background.

Color Contrast Check

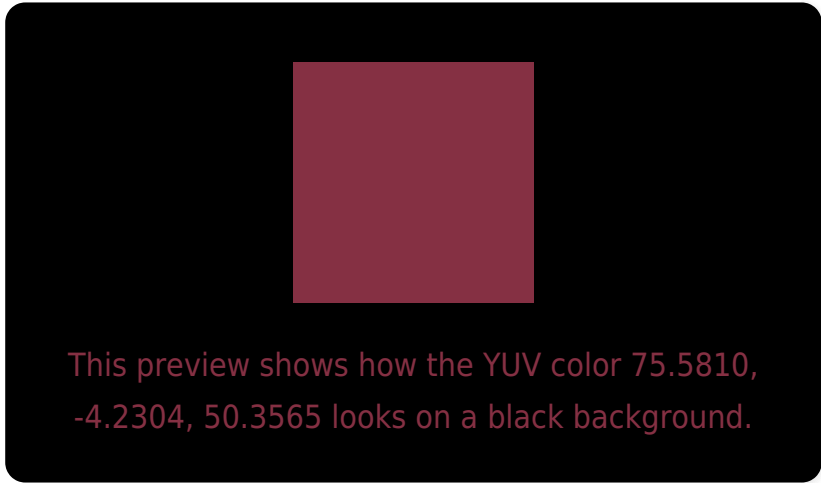
Large Text (above 18pt) WCAG AA ✓ Pass

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

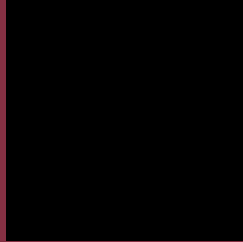
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5810, -4.2304, 50.3565

Background



This preview shows how black text looks on a background with the YUV color 75.5810, -4.2304, 50.3565.



This preview shows how white text looks on a background with the YUV color 75.5810, -4.2304,

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

75.5810, -4.2304, 50.3565

Protanopia

78.8690, 2.0366, 0.1149

Deuteranopia

78.4160, -7.6001, 11.0362



Tritanopia

75.5610, -10.6296, 49.4970

Trichromacy



Original Color

75.5810, -4.2304, 50.3565

Protanomaly

77.7080, -0.3490, 18.6731

Deuteranomaly

77.1450, -6.4805, 25.3058

Tritanomaly

75.5440, -8.1562, 49.5119

Monochromacy



Original Color

75.5810, -4.2304, 50.3565

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0670, -1.5120, 18.3582

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5810, -4.2304, 50.3565 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(133, 48, 67)` looks like.

```
.text, #text, p{  
    color:rgb(133, 48, 67)  
}
```

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(133, 48, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 48, 67) }
```

Border

The CSS property to change the border of an element to YUV 75.5810, -4.2304, 50.3565 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(133, 48, 67) }
```


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

```
.border{ border-color:rgb(133, 48, 67) }
```

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

Here you see how a box with a 4 pixel rgb(133, 48, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 48, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 48, 67);  
box-shadow:4px 4px 4px 4px rgb(133, 48,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 75.5810, -4.2304, 50.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 48, 67) }
```

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

```
.background{ background-color: rgb(133, 48,  
67) }
```

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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