

Converting Colors

YUV(75.6210, -11.6452,
48.5674)

Have a look what the booklet for
YUV(75.6210, -11.6452, 48.5674)
contains.

YUV(75.6210, -11.6452, 48.5674)	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(75.6210, -11.6452,
48.5674)**

Conversions

Conversions Part 1

Format	Color
Hex	833434
RGB	131, 52, 52
RGB Percent	51%, 20%, 20%
CMY	0.4863, 0.7961, 0.7961
CMYK	0.00, 0.60, 0.60, 0.49
HSL	0°, 43%, 36%
HSV	0°, 60%, 51%
XYZ	11.2079, 7.5292, 4.1114
YIQ	75.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

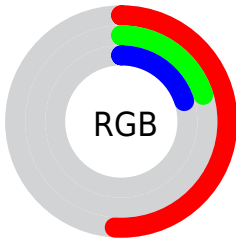
Format	Color
R_{YB}	131, 52, 52
Decimal	8598580
CIE Lab	32.98, 34.06, 17.36
CIE LCh	33, 38.223, 27.004
Yxy	7.5292, 0.4905, 0.3295
Android (android.graphics.Color)	4286788660 (0xFF833434)
YUV	75.6210, -11.6452, 48.5674
Hunter-Lab	27.4394, 24.8911, 10.3239

Details

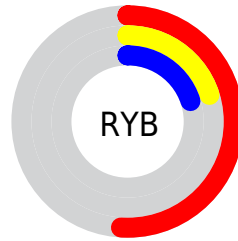
The YUV color **75.6210, -11.6452, 48.5674** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **107.3790, 11.6452, -48.5674**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.2580, -14.4242, 53.2707**, and **23.8210, -8.2928, 46.6380** is the 20% darker color. If you saturate the color by 10%, you get **66.5080, -13.5614, 56.5595**, and if you desaturate by 10%, it is **84.7340, -9.7289, 40.5753**.

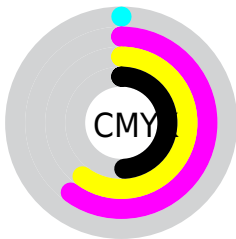
Distribution



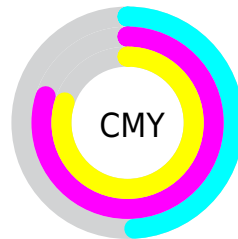
- Red (51%)
- Green (20%)
- Blue (20%)



- Red (51%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (49%)



- Cyan (49%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6210, -11.6452, 48.5674 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 75.6210, -11.6452, 48.5674 by changing the saturation by 10% instead.

■ 75.6210, -11.6452,
48.5674

■ 75.6210, -11.6452,
48.5674

255.0000, 0.0000,
0.0000

■ 50.1800, -9.4557,
46.3231

■ 127.2580,
-14.4242, 53.2707

■ 23.8210, -8.2928,
46.6380

■ 154.0410,
-15.3032, 55.2150

■ 15.2490, -7.5178,
31.3536

■ 181.2370,
-15.8928, 57.6742

■ 2.9900, -1.4741,
6.1478

■ 203.1430,
-13.3815, 45.4786

■ 0.0000, 0.0000,
0.0000

■ 222.6570, -9.6909,
28.3648

■ 242.2850, -5.5635,

11.1511

■ 75.6210, -11.6452,
48.5674

■ 75.6210, -11.6452,
48.5674

■ 66.5080, -13.5614,
56.5595

■ 84.7340, -9.7289,
40.5753

■ 57.3950, -15.4777,
64.5516

■ 93.8470, -7.8126,
32.5832

■ 48.2820, -17.3940,
72.5437

■ 102.9600, -5.8963,
24.5911

■ 39.1690, -19.3103,
80.5358

■ 112.0730, -3.9800,
16.5990

■ 121.8870, -1.9163,
7.9921

■ 131.0000, 0.0000,
0.0000

■ 140.1130, 1.9163,
-7.9921

■ 149.2260, 3.8326,
-15.9842

■ 158.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



76.9810, 2.4744, 46.4977



75.6210, -11.6452, 48.5674



75.2270, -24.2689, 37.5119

Triad

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



75.6210, -11.6452, 48.5674



63.7230, -10.2164, -36.5911



63.8660, 36.5481, -56.0105

Complementary

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



75.6210, -11.6452, 48.5674



107.3790, 11.6452, -48.5674

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.



66.8350, 30.1543, -58.6143



75.6210, -11.6452, 48.5674



62.3260, 5.2623, -54.6599

Square

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



75.6210, -11.6452, 48.5674



71.0940, -26.1753, -4.4674



65.8600, 18.8030, -57.7592



78.2530, 26.4973, -5.4839

Rectangle

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



75.6210, -11.6452, 48.5674



74.3690, -29.7619, 25.9864



65.8600, 18.8030, -57.7592



65.3990, 34.8063, -57.3549

Sweetspot

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



75.6210, -11.6452, 48.5674



149.2690, -4.5696, 19.0581



84.6270, 22.8619, 40.6691



73.6810, -2.8007, 11.6808



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.



75.6210, -11.6452, 48.5674



84.7770, -18.1311, 75.6176



98.5140, -22.9314, 28.4902



61.7940, -0.8844, 3.6887



38.8700, -19.1629, 79.9210



0.8970, -0.4422, 1.8443

Inverse Universe

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



107.3790, 11.6452, -48.5674



134.2230, 18.1311, -75.6176



83.8990, 23.2208, -27.9754



64.2060, 0.8844, -3.6887



91.1300, 19.1629, -79.9210



2.1030, 0.4422, -1.8443

Previews

White Background



This preview shows how the YUV color 75.6210, -11.6452, 48.5674 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



This preview shows how the YUV color 75.6210, -11.6452, 48.5674 looks on a 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 75.6210, -11.6452, 48.5674

Background



This preview shows how black text looks on a background with the YUV color 75.6210, -11.6452, 48.5674.

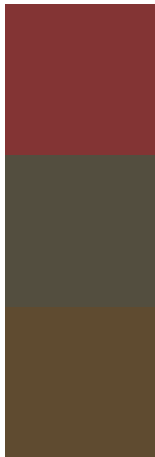


This preview shows how white text looks on a background with the YUV color 75.6210, -11.6452,

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

75.6210, -11.6452, 48.5674

Protanopia

77.7850, -7.2890, 4.5736

Deuteranopia

77.9020, -14.7417, 14.9949



Tritanopia

75.9630, -10.3348, 48.2674

Trichromacy



Original Color

75.6210, -11.6452, 48.5674

Protanomaly

77.1290, -8.9376, 20.0579

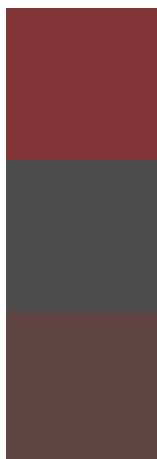
Deuteranomaly

77.2070, -13.9061, 27.0055

Tritanomaly

75.8490, -10.7716, 48.3674

Monochromacy



Original Color

75.6210, -11.6452, 48.5674

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.6710, -4.2748, 17.8285

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6210, -11.6452, 48.5674 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(131, 52, 52)` looks like.

```
.text, #text, p{  
    color:rgb(131, 52, 52)  
}
```

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(131, 52, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 52, 52) }
```

Border

The CSS property to change the border of an element to YUV 75.6210, -11.6452, 48.5674 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(131, 52, 52) }
```


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

```
.border{ border-color:rgb(131, 52, 52) }
```

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

Here you see how a box with a 4 pixel rgb(131, 52, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 52, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 52, 52);  
box-shadow:4px 4px 4px 4px rgb(131, 52,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 75.6210, -11.6452, 48.5674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 52, 52) }
```

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

```
.background{ background-color: rgb(131, 52,  
52) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor