

Converting Colors

YUV(45.1380, -5.4910, 81.4400)

Have a look what the booklet for
YUV(45.1380, -5.4910, 81.4400)
contains.

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Color

**YUV(45.1380, -5.4910,
81.4400)**

Conversions

Conversions Part 1	
Format	Color
Hex	8A0022
RGB	138, 0, 34
RGB Percent	54%, 0%, 13%
CMY	0.4588, 1.0000, 0.8667
CMYK	0.00, 1.00, 0.75, 0.46
HSL	345°, 100%, 27%
HSV	345°, 100%, 54%
XYZ	10.7700, 5.5188, 2.0110
YIQ	45.1380, 71.3340, 39.8300

Conversions

Conversions Part 2

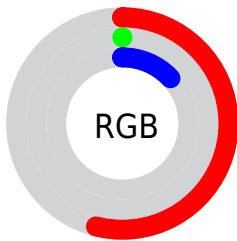
Format	Color
RYB	138, 0, 34
Decimal	9044002
CIELab	28.16, 51.59, 23.28
CIELCh	28, 56.597, 24.287
Yxy	5.5188, 0.5885, 0.3016
Android (android.graphics.Color)	4287234082 (0xFF8A0022)
YUV	45.1380, -5.4910, 81.4400
Hunter-Lab	23.4921, 40.7225, 11.3691

Details

The YUV color **45.1380, -5.4910, 81.4400** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **92.8620, 5.4910, -81.4400**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1840, -15.3737, 77.8916**, and **23.6210, -11.6452, 48.5674** is the 20% darker color. If you saturate the color by 10%, you get **45.1380, -5.4910, 81.4400**, and if you desaturate by 10%, it is **54.4960, -5.1745, 73.2330**.

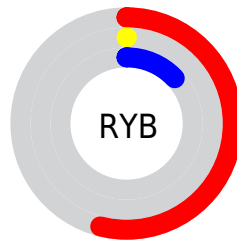
Distribution



Red (54%)

Green (0%)

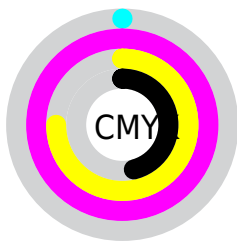
Blue (13%)



Red (54%)

Yellow (0%)

Blue (13%)

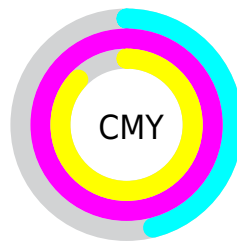


Cyan (0%)

Magenta (100%)

Yellow (75%)

Black (46%)



Cyan (46%)


Magenta (100%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 45.1380, -5.4910, 81.4400 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 45.1380, -5.4910, 81.4400 by changing the saturation by 10% instead.


 45.1380, -5.4910,
81.4400


 45.1380, -5.4910,
81.4400


255.0000, 0.0000,
0.0000


 34.0730, -10.3890,
65.7110


 109.1840,
-15.3737, 77.8916


 23.6210, -11.6452,
48.5674


 137.0380,
-17.2737, 80.6507


 16.0750, -6.9390,
32.3832

 163.5110,
-17.9999, 80.2359

 0.2990, -0.1474,
0.6148


 182.9110,
-14.7461, 63.2221


 0.0000, 0.0000,
0.0000


 202.4250,
-11.0555, 46.1083


 221.9390, -7.3649,


28.9945


 242.7410, -3.8163,
10.7511


 45.1380, -5.4910,
81.4400

 54.4960, -5.1745,
73.2330

 63.9680, -4.4212,
64.9261

 72.7390, -3.8153,
57.2339

 82.2110, -3.0620,
48.9270

 91.5690, -2.7455,
40.7200

■ 100.9270, -2.4290,
32.5130

■ 110.3990, -1.6757,
24.2061

■ 119.1700, -1.0698,
16.5139

■ 128.6420, -0.3165,
8.2070

Harmonies

Analogous

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



49.4420, 13.5861, 75.9114



45.1380, -5.4910, 81.4400



59.3600, -29.2645, 53.1813

Triad

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



45.1380, -5.4910, 81.4400



48.1170, -21.2567, -42.1986



61.6950, 45.9994, -54.1065

Complementary

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



45.1380, -5.4910, 81.4400



92.8620, 5.4910, -81.4400

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.



63.8660, 36.5481, -56.0105



45.1380, -5.4910, 81.4400



55.6920, 0.1518, -48.8419

Square

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



45.1380, -5.4910, 81.4400



57.7900, -28.4905, -8.5858



60.8220, 19.8078, -53.3409



60.6600, 42.5656, -26.0118

Rectangle

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



45.1380, -5.4910, 81.4400



63.0710, -31.0940, 33.2637



60.8220, 19.8078, -53.3409



63.0000, 43.3840, -55.2510

Sweetspot

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



45.1380, -5.4910, 81.4400



142.6280, -2.2816, 31.8982



46.8280, 44.9478, 50.1398



67.4800, -1.2226, 18.8730



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



45.1380, -5.4910, 81.4400



58.5370, -7.1667, 105.6461



61.8070, -30.4709, 66.8213



64.3210, -0.1583, 4.1035



43.5290, -5.1908, 78.4661



1.6090, -0.3002, 2.9739

Inverse Universe

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



45.1380, -5.4910, 81.4400



58.5370, -7.1667, 105.6461



76.7800, 30.1815, -67.3361



64.3210, -0.1583, 4.1035



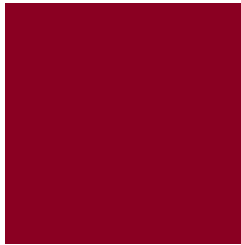
43.5290, -5.1908, 78.4661



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 45.1380, -5.4910, 81.4400 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 45.1380, -5.4910, 81.4400 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 45.1380, -5.4910, 81.4400

Background



This preview shows how black text looks on a background with the YUV color 45.1380, -5.4910, 81.4400.



This preview shows how white text looks on a background with the YUV color 45.1380, -5.4910,

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

45.1380, -5.4910, 81.4400

Protanopia

69.3290, -9.0362, 4.9735

Deuteranopia

68.3060, -20.8569, 16.3946



Tritanopia

50.5060, -20.4625, 76.7322

Trichromacy



Original Color
45.1380, -5.4910, 81.4400

Protanomaly
60.8470, -7.8126, 32.5832

Deuteranomaly
60.2410, -15.4018, 40.1306

Tritanomaly
48.5970, -15.0843, 78.4064

Monochromacy



Original Color
45.1380, -5.4910, 81.4400

Achromatopsia
45.0000, 0.0000, 0.0000

Achromatomaly
45.3180, -2.1288, 29.5391

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.1380, -5.4910, 81.4400 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(138, 0, 34)` looks like.

```
.text, #text, p{  
    color:rgb(138, 0, 34)  
}
```

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(138, 0, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 34) }
```

Border

The CSS property to change the border of an element to YUV 45.1380, -5.4910, 81.4400 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(138, 0, 34) }
```


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

```
.border{ border-color:rgb(138, 0, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 0, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 0, 34);  
box-shadow:4px 4px 4px 4px rgb(138, 0, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.1380, -5.4910, 81.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 0, 34) }
```

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

```
.background{ background-color: rgb(138, 0,  
34) }
```

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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