

Converting Colors

YUV(45.2180, -20.3205,
77.8618)

Have a look what the booklet for
YUV(45.2180, -20.3205, 77.8618)
contains.

YUV(45.2180, -20.3205, 77.8618)	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(45.2180, -20.3205,
77.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	860804
RGB	134, 8, 4
RGB Percent	53%, 3%, 2%
CMY	0.4745, 0.9686, 0.9843
CMYK	0.00, 0.94, 0.97, 0.47
HSL	2°, 94%, 27%
HSV	2°, 97%, 53%
XYZ	9.9403, 5.2508, 0.6045
YIQ	45.2180, 76.3800, 25.4680

Conversions

Conversions Part 2

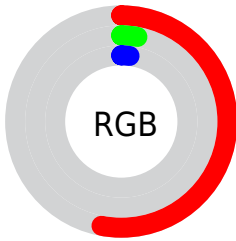
Format	Color
R_{YB}	134, 8, 4
Decimal	8783876
CIE Lab	27.44, 48.34, 38.66
CIE LCh	27, 61.899, 38.651
Yxy	5.2508, 0.6293, 0.3324
Android (android.graphics.Color)	4286973956 (0xFF860804)
YUV	45.2180, -20.3205, 77.8618
Hunter-Lab	22.9145, 37.3323, 14.4762

Details

The YUV color **45.2180, -20.3205, 77.8618** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **92.7820, 20.3205, -77.8618**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.6820, -27.4512, 78.3319**, and **22.4250, -11.0555, 46.1083** is the 20% darker color. If you saturate the color by 10%, you get **42.4140, -20.9101, 80.3209**, and if you desaturate by 10%, it is **54.3310, -18.4042, 69.8697**.

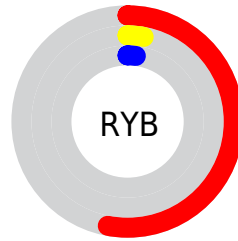
Distribution



Red (53%)

Green (3%)

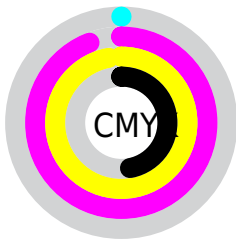
Blue (2%)



Red (53%)

Yellow (3%)

Blue (2%)

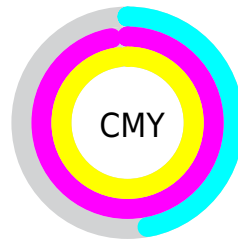


Cyan (0%)

Magenta (94%)

Yellow (97%)

Black (47%)



Cyan (47%)


Magenta (97%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 45.2180, -20.3205, 77.8618 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 45.2180, -20.3205, 77.8618 by changing the saturation by 10% instead.


 45.2180, -20.3205,
77.8618


 45.2180, -20.3205,
77.8618


 252.2640,
-10.4832, 2.3995

 31.0960, -15.3303,
63.9368

 105.6820,
-27.4512, 78.3319

 22.4250, -11.0555,
46.1083

 133.4220,
-29.7880, 81.1909

 14.5800, -6.2019,
29.3093

 160.6780,
-31.3933, 82.7204

 0.0000, 0.0000,
0.0000


 179.3770,
-28.2869, 66.3214


 198.8910,
-24.5963, 49.2076


 218.2910,


-21.3425, 32.1938


 238.5060,
-17.5045, 14.4652


 45.2180, -20.3205,
77.8618


 45.2180, -20.3205,
77.8618


 42.4140, -20.9101,
80.3209

 54.3310, -18.4042,
69.8697

 63.5580, -16.0511,
61.7776

 72.6710, -14.1348,
53.7855

 81.8980, -11.7817,
45.6935

 91.0110, -9.8654,
37.7014

■ 100.1240, -7.9491,
29.7093

■ 109.3510, -5.5960,
21.6172

■ 118.4640, -3.6798,
13.6251

■ 127.6910, -1.3267,
5.5330

Harmonies

Analogous

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



49.2120, 2.3605, 83.1291



45.2180, -20.3205, 77.8618



60.7560, -29.9527, 40.5560

Triad

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



45.2180, -20.3205, 77.8618



50.6250, -11.6471, -44.3981



57.6830, 50.9353, -50.5880

Complementary

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



45.2180, -20.3205, 77.8618



92.7820, 20.3205, -77.8618

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.



64.0430, 44.8418, -56.1657



45.2180, -20.3205, 77.8618



57.6130, 10.0508, -50.5266

Square

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



45.2180, -20.3205, 77.8618



45.1990, -22.2831, -39.6395



62.8570, 30.1435, -55.1256



64.5230, 37.2102, 11.8193

Rectangle

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



45.2180, -20.3205, 77.8618



61.4990, -30.3190, 17.9794



62.8570, 30.1435, -55.1256



61.3190, 49.6357, -53.7768

Sweetspot

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



45.2180, -20.3205, 77.8618



139.1240, -7.9491, 29.7093



57.4620, 36.7472, 67.1238



65.8560, -4.8590, 18.5433



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.



45.2180, -20.3205, 77.8618



54.6620, -26.9484, 103.7824



82.1990, -38.5521, 45.4295



61.7940, -0.8844, 3.6887



41.2180, -20.3205, 77.8618



0.8970, -0.4422, 1.8443

Inverse Universe

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



92.7820, 20.3205, -77.8618



118.3380, 26.9484, -103.7824



55.8010, 38.5521, -45.4295



64.2060, 0.8844, -3.6887



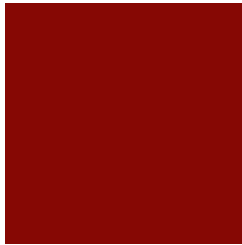
88.7820, 20.3205, -77.8618



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 45.2180, -20.3205, 77.8618 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

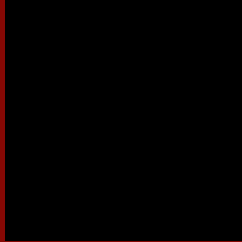
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.2180, -20.3205, 77.8618

Background



This preview shows how black text looks on a background with the YUV color 45.2180, -20.3205, 77.8618.



This preview shows how white text looks on a background with the YUV color 45.2180, -20.3205,

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

45.2180, -20.3205, 77.8618

Protanopia

64.6920, -23.0192, 9.9171

Deuteranopia

62.9830, -31.0506, 19.3089



Tritanopia

46.8110, -23.0778, 75.5878

Trichromacy



Original Color

45.2180, -20.3205, 77.8618

Protanomaly

57.4870, -21.9321, 34.6529

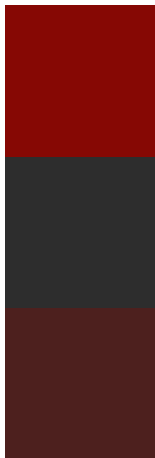
Deuteranomaly

56.7390, -27.4793, 40.5709

Tritanomaly

46.3380, -22.3516, 76.0026

Monochromacy



Original Color

45.2180, -20.3205, 77.8618

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.2270, -7.5069, 27.8649

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.2180, -20.3205, 77.8618 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(134, 8, 4)` looks like.

```
.text, #text, p{  
    color:rgb(134, 8, 4)  
}
```

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(134, 8, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 8, 4) }
```

Border

The CSS property to change the border of an element to YUV 45.2180, -20.3205, 77.8618 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(134, 8, 4) }
```


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

```
.border{ border-color:rgb(134, 8, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 8, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 8, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(134, 8, 4); box-shadow:4px  
4px 4px 4px rgb(134, 8, 4) }
```

Background

The CSS property to change the background color of an element to YUV 45.2180, -20.3205, 77.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 8, 4) }
```

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

```
.background{ background-color: rgb(134, 8,  
4) }
```

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