

Converting Colors

YUV(45.1510, -11.9064,
85.8136)

Have a look what the booklet for
YUV(45.1510, -11.9064, 85.8136)
contains.

YUV(45.1510, -11.9064, 85.8136)	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(45.1510, -11.9064,
85.8136)**

Conversions

Conversions Part 1

Format	Color
Hex	8F0015
RGB	143, 0, 21
RGB Percent	56%, 0%, 8%
CMY	0.4392, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.85, 0.44
HSL	351°, 100%, 28%
HSV	351°, 100%, 56%
XYZ	11.4630, 5.8938, 1.2429
YIQ	45.1510, 78.4870, 36.8470

Conversions

Conversions Part 2

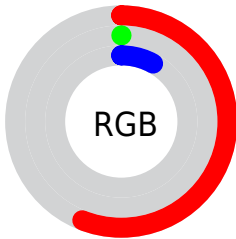
Format	Color
RYB	143, 0, 21
Decimal	9371669
CIELab	29.14, 52.45, 32.80
CIELCh	29, 61.864, 32.019
Yxy	5.8938, 0.6163, 0.3169
Android (android.graphics.Color)	4287561749 (0xFF8F0015)
YUV	45.1510, -11.9064, 85.8136
Hunter-Lab	24.2771, 41.7983, 13.9585

Details

The YUV color **45.1510, -11.9064, 85.8136** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **97.8490, 11.9064, -85.8136**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.9690, -22.6627, 82.4652**, and **24.8170, -12.2348, 51.0265** is the 20% darker color. If you saturate the color by 10%, you get **45.1510, -11.9064, 85.8136**, and if you desaturate by 10%, it is **54.7370, -10.7163, 77.4067**.

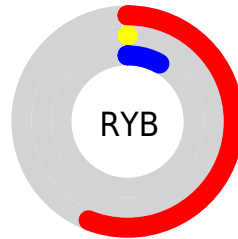
Distribution



Red (56%)

Green (0%)

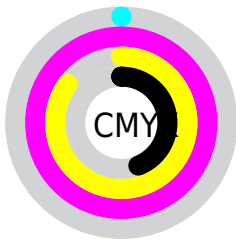
Blue (8%)



Red (56%)

Yellow (0%)

Blue (8%)

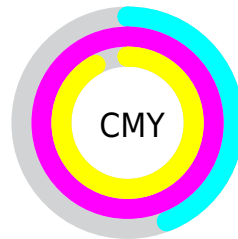


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (44%)



Cyan (44%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.1510, -11.9064, 85.8136 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 45.1510, -11.9064, 85.8136 by changing the saturation by 10% instead.

■ 45.1510, -11.9064,
85.8136

■ 45.1510, -11.9064,
85.8136

■ 254.2020, -3.0576,
0.6998

■ 33.7870, -16.6570,
69.4698

■ 109.9690,
-22.6627, 82.4652

■ 24.8170, -12.2348,
51.0265

■ 137.8230,
-24.5627, 85.2242

■ 16.9720, -7.3812,
34.2276

■ 162.5020,
-24.4045, 81.1207

■ 4.1860, -2.0637,
8.6069


■ 181.7880,
-21.5875, 64.2069


■ 0.0000, 0.0000,
0.0000


■ 201.3020,
-17.8969, 47.0931


■ 221.4030,


-14.4957, 29.4646


 241.6180,
-10.6577, 11.7360


 45.1510, -11.9064,
85.8136

 54.7370, -10.7163,
77.4067

 64.9100, -9.8156,
68.4849

 74.6100, -8.1887,
59.9780

 84.1960, -6.9986,
51.5711

 94.3690, -6.0979,
42.6494

■ 103.9550, -4.9078,
34.2425

■ 113.5410, -3.7177,
25.8355

■ 123.2410, -2.0908,
17.3286

■ 133.4140, -1.1901,
8.4069

Harmonies

Analogous

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



52.0040, 7.8860, 84.1885



45.1510, -11.9064, 85.8136



63.1700, -31.1428, 48.9629

Triad

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



45.1510, -11.9064, 85.8136



51.9470, -16.7359, -45.5575



62.9490, 50.8041, -55.2063

Complementary

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



45.1510, -11.9064, 85.8136



97.8490, 11.9064, -85.8136

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.



67.4510, 42.6687, -59.1545



45.1510, -11.9064, 85.8136



59.1630, 5.8356, -51.8860

Square

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



45.1510, -11.9064, 85.8136



56.2290, -27.7209, -22.1258



65.2220, 26.5126, -57.1997



67.7490, 41.0427, -4.1649

Rectangle

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



45.1510, -11.9064, 85.8136



65.0980, -32.0933, 27.1011



65.2220, 26.5126, -57.1997



65.1830, 49.2098, -57.1655

Sweetspot

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



45.1510, -11.9064, 85.8136



147.7700, -4.3236, 33.5277



52.7800, 44.4785, 60.7059



70.7360, -2.8278, 20.4025



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



45.1510, -11.9064, 85.8136



58.6920, -15.6242, 111.6491



72.1070, -35.5488, 62.1732



66.2070, -0.5951, 4.2035



42.6450, -11.1640, 80.9953



2.5060, -0.7425, 4.8182

Inverse Universe

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



45.1510, -11.9064, 85.8136



58.6920, -15.6242, 111.6491



70.8930, 35.5488, -62.1732



66.2070, -0.5951, 4.2035



42.6450, -11.1640, 80.9953



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 45.1510, -11.9064, 85.8136 looks on a white background.

Color Contrast Check

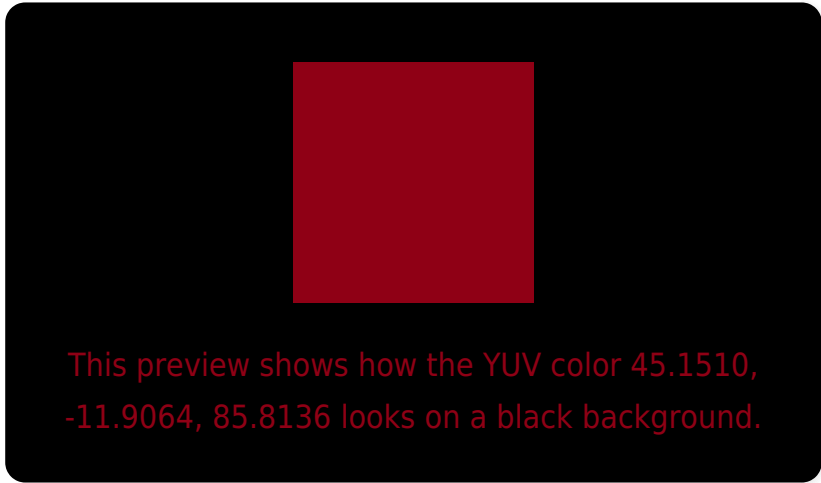
Large Text (above 18pt) WCAG AA ✓ Pass

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

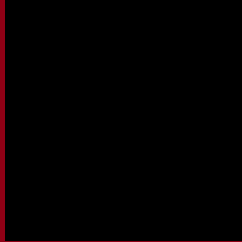
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.1510, -11.9064, 85.8136

Background



This preview shows how black text looks on a background with the YUV color 45.1510, -11.9064, 85.8136.



This preview shows how white text looks on a background with the YUV color 45.1510, -11.9064,

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

45.1510, -11.9064, 85.8136

Protanopia

70.1740, -17.3408, 8.6174

Deuteranopia

67.7120, -33.3820, 20.4236



Tritanopia

50.0890, -24.6939, 80.6059

Trichromacy



Original Color

45.1510, -11.9064, 85.8136

Protanomaly

61.2190, -15.3910, 36.6419

Deuteranomaly

59.6300, -25.4536, 44.1745

Tritanomaly

48.0660, -19.7525, 82.3801

Monochromacy



Original Color

45.1510, -11.9064, 85.8136

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.3460, -4.6076, 31.2686

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.1510, -11.9064, 85.8136 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(143, 0, 21)` looks like.

```
.text, #text, p{  
    color:rgb(143, 0, 21)  
}
```

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(143, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 21) }
```

Border

The CSS property to change the border of an element to YUV 45.1510, -11.9064, 85.8136 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(143, 0, 21) }
```


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

```
.border{ border-color:rgb(143, 0, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 0, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 21);  
box-shadow:4px 4px 4px 4px rgb(143, 0, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.1510, -11.9064, 85.8136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 21) }
```

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

```
.background{ background-color: rgb(143, 0,  
21) }
```

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