

# Converting Colors

YUV(95.8910, -44.8093,  
45.6996)

Have a look what the booklet for  
YUV(95.8910, -44.8093, 45.6996)  
contains.

<b>YUV(95.8910, -44.8093, 45.6996)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(95.8910, -44.8093,  
45.6996)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	945705
RGB	148, 87, 5
RGB Percent	58%, 34%, 2%
CMY	0.4196, 0.6588, 0.9804
CMYK	0.00, 0.41, 0.97, 0.42
HSL	34°, 93%, 30%
HSV	34°, 97%, 58%
XYZ	15.6483, 13.1232, 1.8519
YIQ	95.8910, 62.6780, -12.5700

# Conversions

## Conversions Part 2

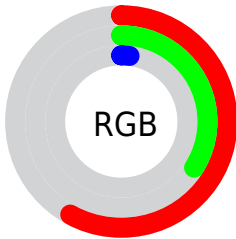
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 148, 5
Decimal	9721605
CIE Lab	42.95, 19.95, 50.20
CIE LCh	43, 54.021, 68.326
Yxy	13.1232, 0.5110, 0.4285
Android (android.graphics.Color)	4287911685 (0xFF945705)
YUV	95.8910, -44.8093, 45.6996
Hunter-Lab	36.2260, 13.7100, 22.3273

# Details

The YUV color **95.8910, -44.8093, 45.6996** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **57.1090, 44.8093, -45.6996**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2660, -43.5151, 50.6327**, and **51.2760, -25.2791, 34.8379** is the 20% darker color. If you saturate the color by 10%, you get **94.1470, -46.4145, 47.2291**, and if you desaturate by 10%, it is **101.1230, -39.9936, 41.1111**.

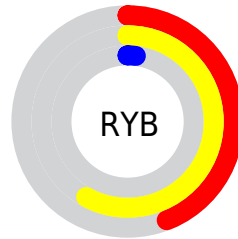
# Distribution



Red (58%)

Green (34%)

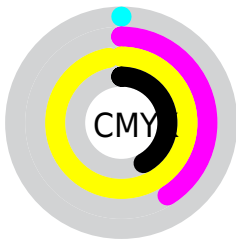
Blue (2%)



Red (44%)

Yellow (58%)

Blue (2%)

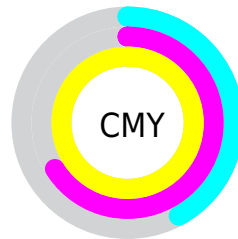


Cyan (0%)

Magenta (41%)

Yellow (97%)

Black (42%)



Cyan (42%)

Magenta (66%)


Yellow (98%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 95.8910, -44.8093, 45.6996 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 95.8910, -44.8093, 45.6996 by changing the saturation by 10% instead.





 95.8910, -44.8093,  
45.6996


 95.8910, -44.8093,  
45.6996


 254.4300, -2.1840,  
0.4999


 72.5620, -35.7731,  
40.7261


 149.2660,  
-43.5151, 50.6327


 51.2760, -25.2791,  
34.8379

 176.3480,  
-44.5416, 53.1918


 30.8760, -15.2219,  
29.0497

 201.1300,  
-43.9411, 47.2440

 11.9600, -5.8963,  
24.5911

 219.9430,  
-40.3979, 30.7450

 0.0000, 0.0000,  
0.0000

 240.0440,  
-36.9967, 13.1164

 247.9320,

-27.0815, 6.1986

■ 251.1240,  
-14.8511, 3.3993

■ 95.8910, -44.8093,  
45.6996

■ 95.8910, -44.8093,  
45.6996

■ 94.1470, -46.4145,  
47.2291

■ 101.1230,  
-39.9936, 41.1111

■ 106.9420,  
-35.4674, 36.0079

■ 112.0600,  
-31.0886, 31.5194

■ 117.2920,  
-26.2730, 26.9309

■ 123.1110,  
-21.7467, 21.8277

■ 128.3430,  
-16.9311, 17.2392

■ 133.5750,  
-12.1155, 12.6507

■ 139.2800, -8.0260,  
7.6474

■ 144.5120, -3.2104,  
3.0590

# Harmonies

## Analogous

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



96.5280, -23.9243, 67.0659



95.8910, -44.8093, 45.6996



93.6500, -46.1695, 15.2159

# Triad

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



95.8910, -44.8093, 45.6996



84.4960, 14.0525, -74.1030



104.1980, 33.4264, 12.1044

# Complementary

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



95.8910, -44.8093, 45.6996



57.1090, 44.8093, -45.6996

# 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.



82.1210, 53.1843, -72.0201



95.8910, -44.8093, 45.6996



88.8110, 33.1242, -77.8872

# Square

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



95.8910, -44.8093, 45.6996



77.9640, -5.8983, -68.3744



88.5950, 47.5277, -77.6978



100.8200, 16.8507, 55.4089



# Rectangle

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



95.8910, -44.8093, 45.6996



89.7180, -42.7520, -7.6457



88.5950, 47.5277, -77.6978



102.1570, 38.8696, -7.1537

# Sweetspot

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



95.8910, -44.8093, 45.6996



171.2290, -17.3679, 17.3392



54.8250, 6.0023, 81.7145



84.3190, -10.5103, 11.1212



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



95.8910, -44.8093, 45.6996



121.6790, -59.9877, 60.7945



128.7080, -60.9880, 8.1491



71.4410, -2.1894, 2.2442



87.6350, -43.2041, 44.1701



6.5120, -3.2104, 3.0590



# Inverse Universe

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



57.1090, 44.8093, -45.6996



69.9080, 59.6984, -61.3093



24.2920, 60.9880, -8.1491



69.5590, 2.1894, -2.2442



50.3650, 43.2041, -44.1701

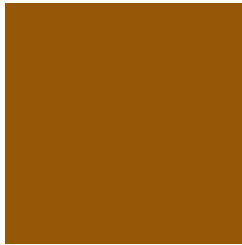


3.4880, 3.2104, -3.0590



# Previews

## White Background



This preview shows how the YUV color 95.8910, -44.8093, 45.6996 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 × Fail



# Black Background



This preview shows how the YUV color 95.8910, -44.8093, 45.6996 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

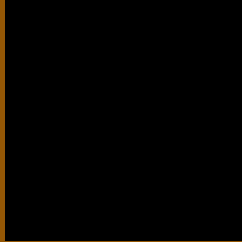
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 95.8910, -44.8093, 45.6996

## Background



This preview shows how black text looks on a background with the YUV color 95.8910, -44.8093, 45.6996.



This preview shows how white text looks on a background with the YUV color 95.8910, -44.8093,



# 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

95.8910, -44.8093, 45.6996

### Protanopia

95.6270, -41.2281, 16.9901

### Deuteranopia

95.5100, -47.0864, 29.3707



## Tritanopia

102.6140, -7.6977, 42.4345

# Trichromacy



## Original Color

95.8910, -44.8093, 45.6996

## Protanomaly

95.9380, -42.8604, 27.2414

## Deuteranomaly

95.4830, -46.0871, 35.5334

## Tritanomaly

100.0690, -21.2330, 43.7895

# Monochromacy



## Original Color

95.8910, -44.8093, 45.6996

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

96.1580, -16.3469, 16.5244

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.8910, -44.8093, 45.6996 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(148, 87, 5)` looks like.

```
.text, #text, p{  
    color:rgb(148, 87, 5)  
}
```

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(148, 87, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 87, 5) }
```

## Border

The CSS property to change the border of an element to YUV 95.8910, -44.8093, 45.6996 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(148, 87, 5) }
```



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

```
.border{ border-color:rgb(148, 87, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 87, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 87, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 87, 5);  
box-shadow:4px 4px 4px 4px rgb(148, 87, 5)  
}
```

# Background

The CSS property to change the background color of an element to YUV 95.8910, -44.8093, 45.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 87, 5) }
```

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

```
.background{ background-color: rgb(148, 87,  
5) }
```

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