

# Converting Colors

YUV(44.8490, 5.9904, 38.7204)

Have a look what the booklet for  
YUV(44.8490, 5.9904, 38.7204)  
contains.

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# Color

**YUV(44.8490, 5.9904,  
38.7204)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	591439
RGB	89, 20, 57
RGB Percent	35%, 8%, 22%
CMY	0.6510, 0.9216, 0.7765
CMYK	0.00, 0.78, 0.36, 0.65
HSL	328°, 63%, 21%
HSV	328°, 78%, 35%
XYZ	5.1085, 2.9196, 4.1652
YIQ	44.8490, 29.2470, 26.1350

# Conversions

## Conversions Part 2

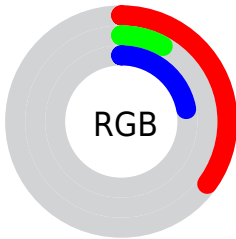
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 20, 57
Decimal	5837881
CIELab	19.72, 34.73, -5.80
CIElCh	20, 35.214, 350.512
Yxy	2.9196, 0.4190, 0.2394
Android (android.graphics.Color)	4284027961 (0xFF591439)
YUV	44.8490, 5.9904, 38.7204
Hunter-Lab	17.0867, 23.4652, -2.4922

# Details

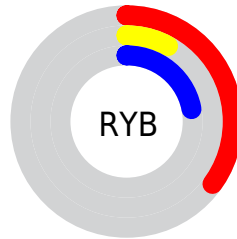
The YUV color **44.8490, 5.9904, 38.7204** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **64.1510, -5.9904, -38.7204**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.4040, 4.2378, 40.8647**, and **14.4530, -0.2233, 25.0357** is the 20% darker color. If you saturate the color by 10%, you get **39.1100, 6.8478, 43.7535**, and if you desaturate by 10%, it is **50.5880, 5.1331, 33.6873**.

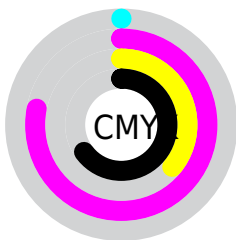
# Distribution



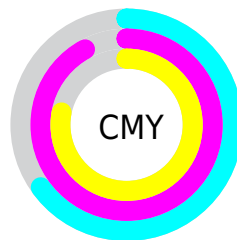
- Red (35%)
- Green (8%)
- Blue (22%)



- Red (35%)
- Yellow (8%)
- Blue (22%)



- Cyan (0%)
- Magenta (78%)
- Yellow (36%)
- Black (65%)



- Cyan (65%)
- Magenta (92%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 44.8490, 5.9904, 38.7204 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 44.8490, 5.9904, 38.7204 by changing the saturation by 10% instead.



44.8490, 5.9904,  
38.7204

44.8490, 5.9904,  
38.7204

255.0000, 0.0000,  
0.0000

23.2400, 6.2907,  
35.7465

95.4040, 4.2378,  
40.8647

14.4530, -0.2233,  
25.0357

121.0020, 3.9430,  
42.0942

0.0000, 0.0000,  
0.0000

147.0130, 3.9376,  
43.8386

174.6110, 3.6428,  
45.0682

202.2090, 3.3480,  
46.2977


221.9510, 7.9122,

28.9840


 240.3250, 7.2348,  
12.8700


 44.8490, 5.9904,  
38.7204


 44.8490, 5.9904,  
38.7204


 39.1100, 6.8478,  
43.7535


 50.5880, 5.1331,  
33.6873


 33.3710, 7.7051,  
48.7866

 56.3270, 4.2758,  
28.6542

 32.0830, 7.8471,  
49.9162

 62.0660, 3.4185,  
23.6211

 67.9190, 2.9979,  
18.4880

 73.6580, 2.1406,  
13.4549

■ 78.8100, 1.5727,  
8.9366

■ 84.5490, 0.7153,  
3.9035

■ 90.2880, -0.1420,  
-1.1296

■ 96.0270, -0.9993,  
-6.1627

# Harmonies

## Analogous

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



48.9480, 15.8016, 18.4626



44.8490, 5.9904, 38.7204



43.3690, -6.0979, 42.6494

# Triad

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



44.8490, 5.9904, 38.7204



43.6800, -21.5342, 0.2806



43.9640, 21.2167, -38.5564

# Complementary

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



44.8490, 5.9904, 38.7204



64.1510, -5.9904, -38.7204

# 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.



42.0430, 11.3178, -36.8717



44.8490, 5.9904, 38.7204



35.3220, -11.9907, -27.4694

# Square

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



44.8490, 5.9904, 38.7204



45.8610, -22.6095, 18.5389



38.9650, -0.4757, -34.1723



42.3970, 27.9053, -37.1822



# Rectangle

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



44.8490, 5.9904, 38.7204



44.4580, -14.5228, 38.1863



38.9650, -0.4757, -34.1723



43.2800, 18.5960, -37.9566

# Sweetspot

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



44.8490, 5.9904, 38.7204



97.7830, 2.5720, 15.0993



37.1350, 25.5694, 12.1596



48.1090, 1.4253, 9.5514



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000



# Same Dimension

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



44.8490, 5.9904, 38.7204



46.4910, 9.1249, 60.0824



40.9730, -8.8607, 42.1197



40.4240, 0.2840, 2.2592



38.4910, 9.1249, 60.0824



84.6290, 20.3959, 131.8754



# Inverse Universe

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



44.8490, 5.9904, 38.7204



46.4910, 9.1249, 60.0824



68.0270, 8.8607, -42.1197



40.4240, 0.2840, 2.2592



38.4910, 9.1249, 60.0824

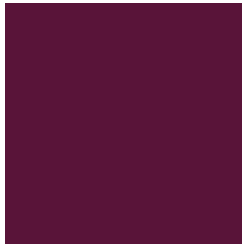


84.6290, 20.3959, 131.8754



# Previews

## White Background



This preview shows how the YUV color 44.8490, 5.9904, 38.7204 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

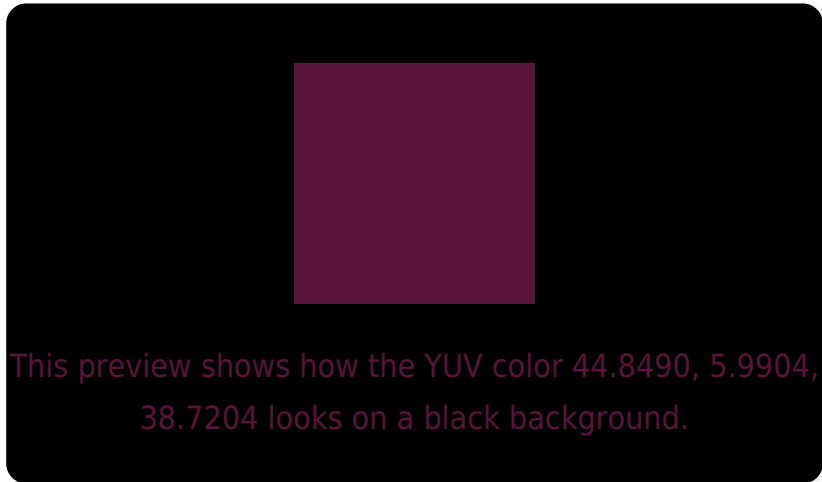
Any Text WCAG AA ✓ Pass

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

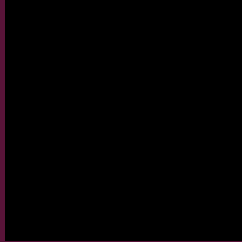
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 44.8490, 5.9904, 38.7204

## Background



This preview shows how black text looks on a background with the YUV color 44.8490, 5.9904, 38.7204.



This preview shows how white text looks on a background with the YUV color 44.8490, 5.9904,



# 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

44.8490, 5.9904, 38.7204

### Protanopia

49.3870, 13.1202, -8.2324

### Deuteranopia

49.7660, 1.5944, 1.9592



## Tritanopia

45.8690, -7.8234, 36.0719

# Trichromacy



## Original Color

44.8490, 5.9904, 38.7204

## Protanomaly

47.5140, 10.5926, 9.1962

## Deuteranomaly

47.8970, 3.0088, 14.9993

## Tritanomaly

45.5470, -2.7347, 37.2313

# Monochromacy



## Original Color

44.8490, 5.9904, 38.7204

## Achromatopsia

45.0000, 0.0000, 0.0000

## Achromatomaly

44.9570, 1.9932, 14.0697

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 44.8490, 5.9904, 38.7204 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(89, 20, 57)` looks like.

```
.text, #text, p{  
    color:rgb(89, 20, 57)  
}
```

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(89, 20, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 20, 57) }
```

## Border

The CSS property to change the border of an element to YUV 44.8490, 5.9904, 38.7204 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(89, 20, 57) }
```



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

```
.border{ border-color:rgb(89, 20, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 20, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 20, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 20, 57);  
box-shadow:4px 4px 4px 4px rgb(89, 20, 57)  
}
```

# Background

The CSS property to change the background color of an element to YUV 44.8490, 5.9904, 38.7204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 20, 57) }
```

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

```
.background{ background-color: rgb(89, 20,  
57) }
```

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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