

Converting Colors

YUV(89.0450, 1.9498, 28.0245)

Have a look what the booklet for
YUV(89.0450, 1.9498, 28.0245)
contains.

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Color

**YUV(89.0450, 1.9498,
28.0245)**

Conversions

Conversions Part 1

Format	Color
Hex	79485D
RGB	121, 72, 93
RGB Percent	47%, 28%, 36%
CMY	0.5255, 0.7176, 0.6353
CMYK	0.00, 0.40, 0.23, 0.53
HSL	334°, 25%, 38%
HSV	334°, 40%, 47%
XYZ	12.1783, 9.4900, 11.5458
YIQ	89.0450, 22.4630, 16.9190

Conversions

Conversions Part 2

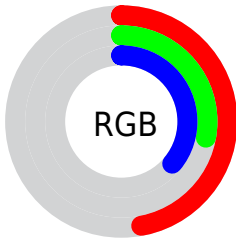
Format	Color
R_{YB}	121, 72, 93
Decimal	7948381
CIE _{Lab}	36.91, 24.00, -3.44
CIE _{LCh}	37, 24.249, 351.849
Yxy	9.4900, 0.3667, 0.2857
Android (android.graphics.Color)	4286138461 (0xFF79485D)
YUV	89.0450, 1.9498, 28.0245
Hunter-Lab	30.8058, 16.6553, -0.6574

Details

The YUV color **89.0450, 1.9498, 28.0245** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **103.9550, -1.9498, -28.0245**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.3550, 1.7970, 30.3837**, and **41.8490, 2.5394, 25.5654** is the 20% darker color. If you saturate the color by 10%, you get **81.2030, 2.3649, 34.9020**, and if you desaturate by 10%, it is **96.8870, 1.5347, 21.1471**.

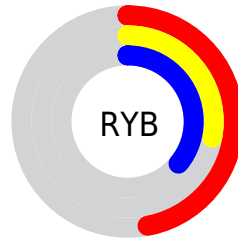
Distribution



Red (47%)

Green (28%)

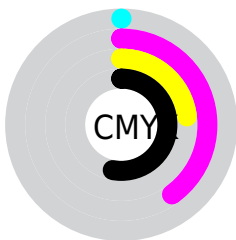
Blue (36%)



Red (47%)

Yellow (28%)

Blue (36%)

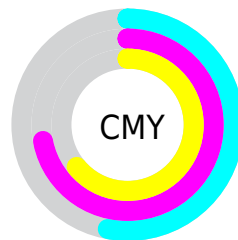


Cyan (0%)

Magenta (40%)

Yellow (23%)

Black (53%)



Cyan (53%)

Magenta (72%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0450, 1.9498, 28.0245 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 89.0450, 1.9498, 28.0245 by changing the saturation by 10% instead.

89.0450, 1.9498,
28.0245

89.0450, 1.9498,
28.0245

255.0000, 0.0000,
0.0000

65.0340, 1.9552,
26.2802

139.3550, 1.7970,
30.3837

41.8490, 2.5394,
25.5654

166.6540, 1.6496,
30.9984

19.3650, 3.2711,
24.2359

193.6650, 1.6442,
32.7428

6.8770, -3.3904,
14.1399

220.4690, 2.2338,
30.2837

0.0000, 0.0000,
0.0000

240.2110, 6.7980,
12.9700

■ 89.0450, 1.9498,
28.0245

■ 89.0450, 1.9498,
28.0245

■ 81.2030, 2.3649,
34.9020

■ 96.8870, 1.5347,
21.1471

■ 73.3610, 2.7800,
41.7794

■ 104.7290, 1.1196,
14.2697

■ 65.5190, 3.1951,
48.6568

■ 112.5710, 0.7045,
7.3922

■ 57.6770, 3.6102,
55.5343

■ 120.4130, 0.2894,
0.5148

■ 49.2480, 4.3147,
62.9265

■ 128.2550, -0.1257,
-6.3626

■ 42.1070, 4.8772,
69.1892

■ 136.5700, -1.2670,
-13.6549

■ 144.4120, -1.6821,
-20.5323

■ 152.2540, -2.0972,

-27.4098

■ 160.0960, -2.5123,
-34.2872

Harmonies

Analogous

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



89.5470, 10.5763, 14.4293



89.0450, 1.9498, 28.0245



87.9610, -7.3758, 32.4832

Triad

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



89.0450, 1.9498, 28.0245



83.9450, -16.7349, 0.9252



70.5980, 22.8762, -57.5294

Complementary

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



89.0450, 1.9498, 28.0245



103.9550, -1.9498, -28.0245

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.



68.4530, 16.0457, -60.0333



89.0450, 1.9498, 28.0245



81.6700, -9.6973, -16.3736

Square

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



89.0450, 1.9498, 28.0245



85.8760, -18.6729, 15.8947



76.9370, 2.0031, -35.9017



81.4320, 21.4790, -29.3199

Rectangle

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



89.0450, 1.9498, 28.0245



87.2720, -12.4591, 29.5795



76.9370, 2.0031, -35.9017



69.1200, 21.1398, -60.6182

Sweetspot

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



89.0450, 1.9498, 28.0245



145.5930, 0.6937, 10.8809



85.9580, 17.2757, 12.3148



71.8590, 0.5625, 6.2627



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



89.0450, 1.9498, 28.0245



107.7850, 3.0640, 44.0386



88.4120, -8.0911, 28.5797



57.1360, 0.4260, 3.3887



43.5310, 5.1612, 71.4483



87.6600, 10.0276, 144.1262

Inverse Universe

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



89.0450, 1.9498, 28.0245



107.7850, 3.0640, 44.0386



104.5880, 8.0911, -28.5797



57.1360, 0.4260, 3.3887



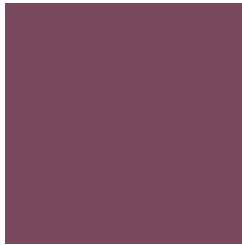
43.5310, 5.1612, 71.4483



87.6600, 10.0276, 144.1262

Previews

White Background



This preview shows how the YUV color 89.0450, 1.9498, 28.0245 looks on a white background.

Color Contrast Check

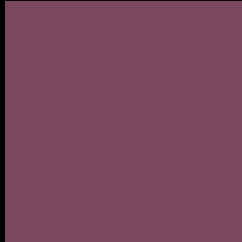
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.0450, 1.9498, 28.0245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

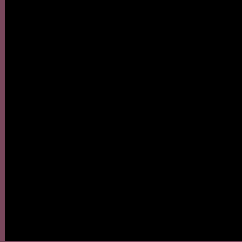
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.0450, 1.9498, 28.0245

Background



This preview shows how black text looks on a background with the YUV color 89.0450, 1.9498, 28.0245.



This preview shows how white text looks on a background with the YUV color 89.0450, 1.9498,

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

89.0450, 1.9498, 28.0245

Protanopia

87.8130, 6.9942, -3.3440

Deuteranopia

88.3750, 1.2941, 4.9331



Tritanopia

88.4380, -4.1599, 27.6799

Trichromacy



Original Color

89.0450, 1.9498, 28.0245

Protanomaly

88.4230, 5.2145, 7.5220

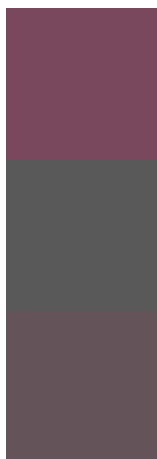
Deuteranomaly

88.5440, 1.7038, 13.5549

Tritanomaly

88.4210, -1.6866, 27.6948

Monochromacy



Original Color

89.0450, 1.9498, 28.0245

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1800, 0.4043, 10.3661

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0450, 1.9498, 28.0245 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(121, 72, 93)` looks like.

```
.text, #text, p{  
    color:rgb(121, 72, 93)  
}
```

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(121, 72, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 72, 93) }
```

Border

The CSS property to change the border of an element to YUV 89.0450, 1.9498, 28.0245 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(121, 72, 93) }
```


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

```
.border{ border-color:rgb(121, 72, 93) }
```

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

Here you see how a box with a 4 pixel rgb(121, 72, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 72, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 72, 93);  
box-shadow:4px 4px 4px 4px rgb(121, 72,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 89.0450, 1.9498, 28.0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 72, 93) }
```

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

```
.background{ background-color: rgb(121, 72,  
93) }
```

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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