

Converting Colors

YUV(84.4580, 2.2392, 28.5393)

Have a look what the booklet for
YUV(84.4580, 2.2392, 28.5393)
contains.

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Color

**YUV(84.4580, 2.2392,
28.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	754359
RGB	117, 67, 89
RGB Percent	46%, 26%, 35%
CMY	0.5412, 0.7373, 0.6510
CMYK	0.00, 0.43, 0.24, 0.54
HSL	334°, 27%, 36%
HSV	334°, 43%, 46%
XYZ	11.1464, 8.5175, 10.5078
YIQ	84.4580, 22.7380, 17.4420

Conversions

Conversions Part 2

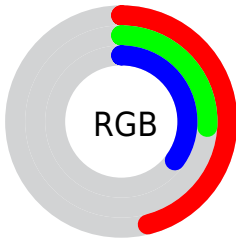
Format	Color
R_{YB}	117, 67, 89
Decimal	7684953
CIE _{Lab}	35.04, 24.75, -3.74
CIE _{LCh}	35, 25.028, 351.405
Yxy	8.5175, 0.3694, 0.2823
Android (android.graphics.Color)	4285875033 (0xFF754359)
YUV	84.4580, 2.2392, 28.5393
Hunter-Lab	29.1847, 17.1007, -0.9176

Details

The YUV color **84.4580, 2.2392, 28.5393** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **99.5420, -2.2392, -28.5393**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7680, 2.0864, 30.8985**, and **37.3760, 3.2656, 25.9802** is the 20% darker color. If you saturate the color by 10%, you get **76.6160, 2.6543, 35.4168**, and if you desaturate by 10%, it is **92.3000, 1.8241, 21.6619**.

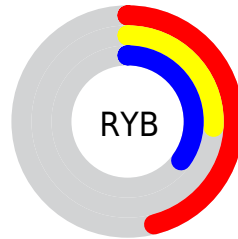
Distribution



Red (46%)

Green (26%)

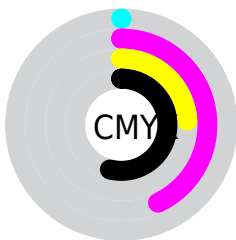
Blue (35%)



Red (46%)

Yellow (26%)

Blue (35%)

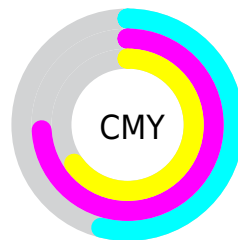


Cyan (0%)

Magenta (43%)

Yellow (24%)

Black (54%)



Cyan (54%)

Magenta (74%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.4580, 2.2392, 28.5393 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 84.4580, 2.2392, 28.5393 by changing the saturation by 10% instead.

84.4580, 2.2392,
28.5393

84.4580, 2.2392,
28.5393

255.0000, 0.0000,
0.0000

60.8600, 2.5340,
27.3098

134.7680, 2.0864,
30.8985

37.3760, 3.2656,
25.9802

161.3660, 1.7916,
32.1280

15.7780, 3.5604,
24.7507

188.6650, 1.6442,
32.7428

2.6910, -1.3267,
5.5330

216.3770, 1.7861,
33.8724

0.0000, 0.0000,
0.0000

236.1190, 6.3503,
16.5586

253.8260, 0.5788,

1.0296

■ 84.4580, 2.2392,
28.5393

■ 84.4580, 2.2392,
28.5393

■ 76.6160, 2.6543,
35.4168

■ 92.3000, 1.8241,
21.6619

■ 69.4750, 3.2168,
41.6794

■ 99.4410, 1.2616,
15.3992

■ 61.6330, 3.6319,
48.5569

■ 107.2830, 0.8465,
8.5218

■ 53.9050, 4.4838,
55.3343

■ 115.0110, -0.0054,
1.7444

■ 46.6500, 4.6096,
61.6969

■ 122.8530, -0.4205,
-5.1331

■ 40.7970, 5.0301,
66.8300

■ 129.9940, -0.9830,
-11.3957

■ 137.8360, -1.3981,
-18.2732

■ 145.5640, -2.2501,
-25.0506

■ 152.8190, -2.3758,
-31.4133

Harmonies

Analogous

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



84.9600, 10.8657, 14.9441



84.4580, 2.2392, 28.5393



83.3740, -7.0864, 32.9980

Triad

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



84.4580, 2.2392, 28.5393



79.7170, -17.6085, 1.1252



66.2990, 23.0236, -58.1442

Complementary

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



84.4580, 2.2392, 28.5393



99.5420, -2.2392, -28.5393

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.



65.5350, 15.0192, -57.4742



84.4580, 2.2392, 28.5393



76.6700, -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.



84.4580, 2.2392, 28.5393



81.1750, -18.8203, 16.5095



71.6270, 2.1559, -38.2609



76.3500, 22.5055, -31.8789

Rectangle

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



84.4580, 2.2392, 28.5393



82.8700, -12.7539, 30.8090



71.6270, 2.1559, -38.2609



66.3160, 20.5502, -58.1591

Sweetspot

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



84.4580, 2.2392, 28.5393



140.0060, 0.9830, 11.3957



81.0720, 17.7125, 12.2149



68.5710, 0.7045, 7.3922



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



84.4580, 2.2392, 28.5393



102.1980, 3.3534, 44.5534



83.7110, -8.2385, 29.1945



55.0220, -0.0108, 3.4887



42.6340, 5.6034, 69.6040



87.2900, 11.1960, 142.6967

Inverse Universe

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



84.4580, 2.2392, 28.5393



102.1980, 3.3534, 44.5534



100.8760, 7.9491, -29.7093



55.0220, -0.0108, 3.4887



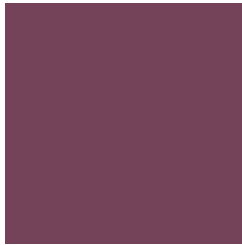
42.6340, 5.6034, 69.6040



87.2900, 11.1960, 142.6967

Previews

White Background



This preview shows how the YUV color 84.4580, 2.2392, 28.5393 looks on a white background.

Color Contrast Check

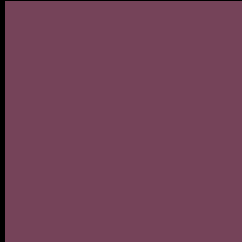
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.4580, 2.2392, 28.5393 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 84.4580, 2.2392, 28.5393

Background



This preview shows how black text looks on a background with the YUV color 84.4580, 2.2392, 28.5393.



This preview shows how white text looks on a background with the YUV color 84.4580, 2.2392,

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

84.4580, 2.2392, 28.5393

Protanopia

83.0410, 7.8678, -3.5440

Deuteranopia

83.4890, 1.7309, 4.8331



Tritanopia

84.3240, -4.5967, 27.7799

Trichromacy



Original Color

84.4580, 2.2392, 28.5393

Protanomaly

83.8360, 5.5039, 8.0368

Deuteranomaly

83.6580, 2.1406, 13.4549

Tritanomaly

84.3070, -2.1234, 27.7948

Monochromacy



Original Color

84.4580, 2.2392, 28.5393

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2940, 0.8411, 10.2662

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.4580, 2.2392, 28.5393 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(117, 67, 89)` looks like.

```
.text, #text, p{  
    color:rgb(117, 67, 89)  
}
```

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(117, 67, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 67, 89) }
```

Border

The CSS property to change the border of an element to YUV 84.4580, 2.2392, 28.5393 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(117, 67, 89) }
```


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

```
.border{ border-color:rgb(117, 67, 89) }
```

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

Here you see how a box with a 4 pixel rgb(117, 67, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 67, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 67, 89);  
box-shadow:4px 4px 4px 4px rgb(117, 67,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 84.4580, 2.2392, 28.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 67, 89) }
```

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

```
.background{ background-color: rgb(117, 67,  
89) }
```

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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