

Converting Colors

YUV(81.4580, 2.2392, 28.5393)

Have a look what the booklet for
YUV(81.4580, 2.2392, 28.5393)
contains.

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Color

**YUV(81.4580, 2.2392,
28.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	724056
RGB	114, 64, 86
RGB Percent	45%, 25%, 34%
CMY	0.5529, 0.7490, 0.6627
CMYK	0.00, 0.44, 0.25, 0.55
HSL	334°, 28%, 35%
HSV	334°, 44%, 45%
XYZ	10.4525, 7.9161, 9.7811
YIQ	81.4580, 22.7380, 17.4420

Conversions

Conversions Part 2

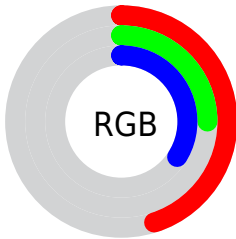
Format	Color
RYB	114, 64, 86
Decimal	7487574
CIELab	33.81, 24.86, -3.70
CIELCh	34, 25.137, 351.542
Yxy	7.9161, 0.3713, 0.2812
Android (android.graphics.Color)	4285677654 (0xFF724056)
YUV	81.4580, 2.2392, 28.5393
Hunter-Lab	28.1355, 17.0768, -0.9169

Details

The YUV color **81.4580, 2.2392, 28.5393** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **96.5420, -2.2392, -28.5393**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7680, 2.0864, 30.8985**, and **34.3760, 3.2656, 25.9802** is the 20% darker color. If you saturate the color by 10%, you get **74.3170, 2.8017, 34.8020**, and if you desaturate by 10%, it is **88.5990, 1.6767, 22.2767**.

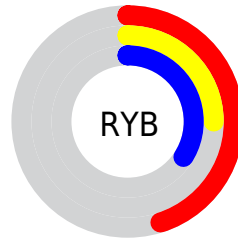
Distribution



Red (45%)

Green (25%)

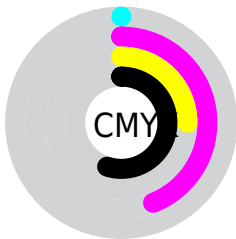
Blue (34%)



Red (45%)

Yellow (25%)

Blue (34%)

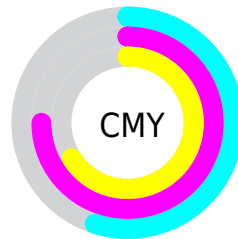


Cyan (0%)

Magenta (44%)

Yellow (25%)

Black (55%)



Cyan (55%)

Magenta (75%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4580, 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 81.4580, 2.2392, 28.5393 by changing the saturation by 10% instead.

■ 81.4580, 2.2392,
28.5393

■ 81.4580, 2.2392,
28.5393

■ 255.0000, 0.0000,
0.0000

■ 57.8600, 2.5340,
27.3098

■ 131.7680, 2.0864,
30.8985

■ 34.3760, 3.2656,
25.9802

■ 158.3660, 1.7916,
32.1280

■ 14.9520, 2.9817,
23.7211

■ 185.0780, 1.9335,
33.2576

■ 0.0000, 0.0000,
0.0000

■ 213.3770, 1.7861,
33.8724

■ 233.9020, 5.4713,
18.5029

■ 251.4780, 1.7363,

3.0888

■ 81.4580, 2.2392,
28.5393

■ 81.4580, 2.2392,
28.5393

■ 74.3170, 2.8017,
34.8020

■ 88.5990, 1.6767,
22.2767

■ 66.4750, 3.2168,
41.6794

■ 96.4410, 1.2616,
15.3992

■ 59.3340, 3.7793,
47.9421

■ 103.5820, 0.6991,
9.1366

■ 51.4920, 4.1944,
54.8195

■ 111.4240, 0.2840,
2.2592

■ 44.3510, 4.7570,
61.0822

■ 118.5650, -0.2785,
-4.0035

■ 39.7860, 5.0355,
65.0857

■ 125.7060, -0.8411,
-10.2662

■ 133.5480, -1.2562,
-17.1436

■ 140.6890, -1.8187,
-23.4063

■ 148.4170, -2.6706,
-30.1837

Harmonies

Analogous

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



81.9600, 10.8657, 14.9441



81.4580, 2.2392, 28.5393



80.3740, -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.



81.4580, 2.2392, 28.5393



76.7170, -17.6085, 1.1252



64.1960, 22.5814, -56.2999

Complementary

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



81.4580, 2.2392, 28.5393



96.5420, -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.



63.4320, 14.5770, -55.6299



81.4580, 2.2392, 28.5393



73.3710, -9.5499, -16.9884

Square

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



81.4580, 2.2392, 28.5393



78.1750, -18.8203, 16.5095



68.3280, 2.3033, -38.8757



73.0510, 22.6529, -32.4937

Rectangle

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



81.4580, 2.2392, 28.5393



79.5710, -12.6065, 30.1942



68.3280, 2.3033, -38.8757



64.2130, 20.1080, -56.3148

Sweetspot

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



81.4580, 2.2392, 28.5393



135.5930, 0.6937, 10.8809



78.0720, 17.7125, 12.2149



66.1580, 0.4151, 6.8774



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



81.4580, 2.2392, 28.5393



97.1980, 3.3534, 44.5534



80.1240, -7.9491, 29.7093



52.1360, 0.4260, 3.3887



41.9220, 5.4615, 68.4744



86.2790, 11.2015, 140.9523

Inverse Universe

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



81.4580, 2.2392, 28.5393



97.1980, 3.3534, 44.5534



97.8760, 7.9491, -29.7093



52.1360, 0.4260, 3.3887



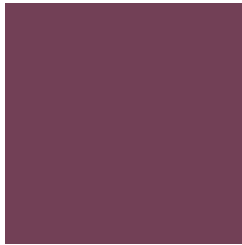
41.9220, 5.4615, 68.4744



86.2790, 11.2015, 140.9523

Previews

White Background



This preview shows how the YUV color 81.4580, 2.2392, 28.5393 looks on a white background.

Color Contrast Check

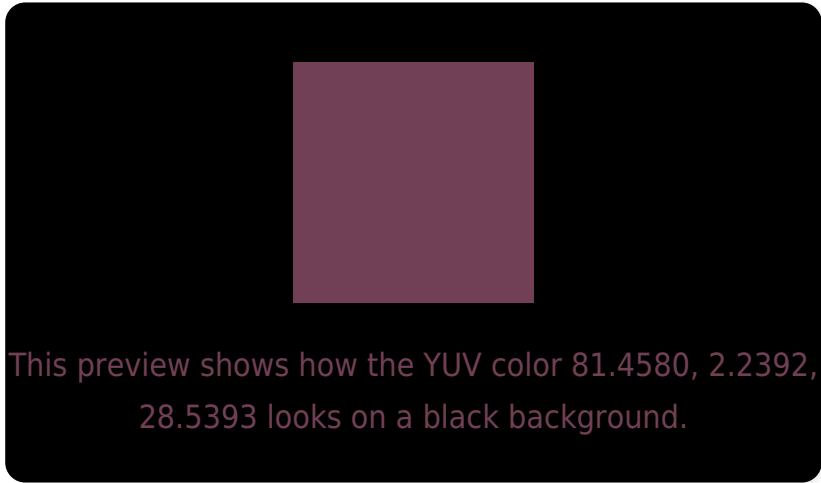
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

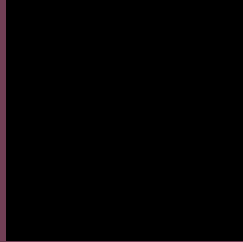
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.4580, 2.2392, 28.5393

Background



This preview shows how black text looks on a background with the YUV color 81.4580, 2.2392, 28.5393.



This preview shows how white text looks on a background with the YUV color 81.4580, 2.2392, 28.5393.

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

81.4580, 2.2392, 28.5393

Protanopia

80.3400, 7.7204, -2.9292

Deuteranopia

81.0760, 1.4415, 4.3183



Tritanopia

81.3240, -4.5967, 27.7799

Trichromacy



Original Color

81.4580, 2.2392, 28.5393

Protanomaly

80.8360, 5.5039, 8.0368

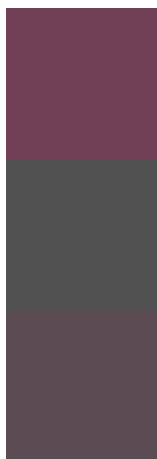
Deuteranomaly

81.2450, 1.8512, 12.9401

Tritanomaly

81.3070, -2.1234, 27.7948

Monochromacy



Original Color

81.4580, 2.2392, 28.5393

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2940, 0.8411, 10.2662

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4580, 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(114, 64, 86)` looks like.

```
.text, #text, p{  
    color:rgb(114, 64, 86)  
}
```

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(114, 64, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 64, 86) }
```

Border

The CSS property to change the border of an element to YUV 81.4580, 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(114, 64, 86) }
```


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

```
.border{ border-color:rgb(114, 64, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 64, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 64, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 64, 86);  
box-shadow:4px 4px 4px 4px rgb(114, 64,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 81.4580, 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(114, 64, 86) }
```

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

```
.background{ background-color: rgb(114, 64,  
86) }
```

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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