

Converting Colors

YUV(115.9580, 13.8247,
-0.8402)

Have a look what the booklet for
YUV(115.9580, 13.8247, -0.8402)
contains.

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Color

**YUV(115.9580, 13.8247,
-0.8402)**

Conversions

Conversions Part 1

Format	Color
Hex	736F90
RGB	115, 111, 144
RGB Percent	45%, 44%, 56%
CMY	0.5490, 0.5647, 0.4353
CMYK	0.20, 0.23, 0.00, 0.44
HSL	247°, 13%, 50%
HSV	247°, 23%, 56%
XYZ	17.7887, 17.0273, 28.7346
YIQ	115.9580, -8.2090, 11.1110

Conversions

Conversions Part 2

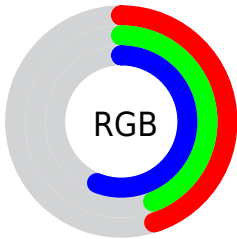
Format	Color
R _Y B	115, 111, 144
Decimal	7565200
CIE Lab	48.29, 8.87, -17.43
CIE LCh	48, 19.561, 296.974
Yxy	17.0273, 0.2799, 0.2679
Android (android.graphics.Color)	4285755280 (0xFF736F90)
YUV	115.9580, 13.8247, -0.8402
Hunter-Lab	41.2642, 4.7378, -12.4021

Details

The YUV color $[115.9580, 13.8247, -0.8402]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[139.0420, -13.8247, 0.8402]$, and the grayscale version is $[116.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[168.1860, 14.6983, -1.0401]$, and $[67.4310, 13.0985, -1.2550]$ is the 20% darker color. If you saturate the color by 10%, you get $[103.8530, 19.7925, -1.6251]$, and if you desaturate by 10%, it is $[128.0630, 7.8569, -0.0553]$.

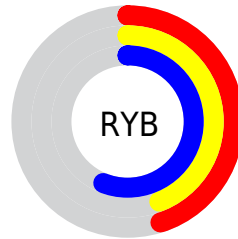
Distribution



Red (45%)

Green (44%)

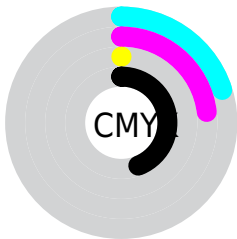
Blue (56%)



Red (45%)

Yellow (44%)

Blue (56%)

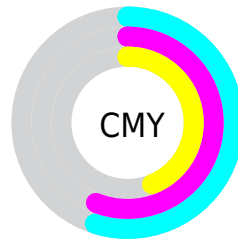


Cyan (20%)

Magenta (23%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9580, 13.8247, -0.8402 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 115.9580, 13.8247, -0.8402 by changing the saturation by 10% instead.

■ 115.9580, 13.8247,
-0.8402

■ 115.9580, 13.8247,
-0.8402

■ 255.0000, 0.0000,
0.0000

■ 91.4310, 13.0985,
-1.2550

■ 168.1860, 14.6983,
-1.0401

■ 67.4310, 13.0985,
-1.2550

■ 195.5990, 14.9877,
-0.5253

■ 45.4910, 12.0829,
-2.1846

■ 223.1260, 15.7139,
-0.1105

■ 24.2630, 11.2093,
-1.9847

■ 248.5210, 3.1941,
2.1741

■ 3.0780, 11.7935,
-2.6994

■ 0.0000, 0.0000,
0.0000

■ 115.9580, 13.8247,
-0.8402

■ 115.9580, 13.8247,
-0.8402

■ 103.8530, 19.7925,
-1.6251

■ 128.0630, 7.8569,
-0.0553

■ 91.4600, 25.9022,
-1.2804

■ 140.4560, 1.7472,
-0.3999

■ 79.3550, 31.8700,
-2.0653

■ 152.5610, -4.2206,
0.3850

■ 66.6630, 38.1271,
-2.3355

■ 165.2530,
-10.4777, 0.6551

■ 54.8570, 43.9475,
-2.5056

■ 177.0590,
-16.2981, 0.8253

■ 42.7520, 49.9153,
-3.2905

■ 189.1640,
-22.2659, 1.6102

■ 30.0600, 56.1724,
-3.5606

■ 201.8560,
-28.5230, 1.8803

■ 21.4990, 60.3930,

■ 213.6620,

-3.9456

-34.3434, 2.0504

 226.3540,
-40.6005, 2.3205

Harmonies

Analogous

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



112.9450, 16.7891, -18.3688



115.9580, 13.8247, -0.8402



117.4500, 7.6662, 14.5144

Triad

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



115.9580, 13.8247, -0.8402



115.5870, -13.6004, 22.2872



107.9810, 1.9814, -28.9243

Complementary

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



115.9580, 13.8247, -0.8402



139.0420, -13.8247, 0.8402

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.



110.0660, -6.9345, -15.8439



115.9580, 13.8247, -0.8402



113.9510, -15.7518, 12.3210

Square

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



115.9580, 13.8247, -0.8402



116.7000, -8.2331, 27.4501



112.1450, -13.3825, -1.0042



106.9290, 10.8810, -36.7717

Rectangle

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



115.9580, 13.8247, -0.8402



117.2400, 2.8397, 22.5915



112.1450, -13.3825, -1.0042



108.3190, -0.6503, -24.8358

Sweetspot

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



115.9580, 13.8247, -0.8402



175.0800, 5.3836, -0.0702



131.7850, 6.0220, -18.2284



88.0970, 2.9102, -0.0851



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



115.9580, 13.8247, -0.8402



141.7220, 21.8291, -1.5102



120.7420, 11.4662, 8.9963



65.0970, 2.9102, -0.0851



20.1740, 56.6092, -3.6606



1.2110, 3.3470, -0.1850

Inverse Universe

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



124.1730, 7.8027, 17.3883



154.7920, 12.4275, 27.3694



134.2580, -11.4662, -8.9963



66.8910, 2.0257, 3.6036



53.9310, 32.0790, 71.0975



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 115.9580, 13.8247, -0.8402 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 115.9580, 13.8247, -0.8402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

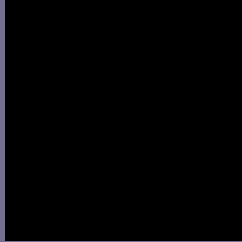
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.9580, 13.8247, -0.8402

Background



This preview shows how black text looks on a background with the YUV color 115.9580, 13.8247, -0.8402.



This preview shows how white text looks on a background with the YUV color 115.9580, 13.8247, -0.8402.

-0.8402.

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

115.9580, 13.8247, -0.8402

Protanopia

114.6690, 15.4462, -7.6027

Deuteranopia

115.3490, 14.1249, -3.8141



Tritanopia

114.8300, 4.5208, -3.3589

Trichromacy



Original Color

115.9580, 13.8247, -0.8402

Protanomaly

114.8650, 14.8566, -5.1436

Deuteranomaly

115.6480, 13.9775, -3.1993

Tritanomaly

115.3400, 7.7204, -2.9292

Monochromacy



Original Color

115.9580, 13.8247, -0.8402

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9660, 4.9468, 0.0298

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9580, 13.8247, -0.8402 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(115, 111, 144)` looks like.

```
.text, #text, p{  
    color:rgb(115, 111, 144)  
}
```

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(115, 111, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 111, 144) }
```

Border

The CSS property to change the border of an element to YUV 115.9580, 13.8247, -0.8402 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(115, 111, 144) }
```


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

```
.border{ border-color:rgb(115, 111, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 111, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 111, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 111, 144);  
box-shadow:4px 4px 4px 4px rgb(115, 111,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 115.9580, 13.8247, -0.8402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 111, 144) }
```

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

```
.background{ background-color: rgb(115,  
111, 144) }
```

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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