

Converting Colors

YUV(95.9040, 15.8233, 11.4852)

Have a look what the booklet for
YUV(95.9040, 15.8233, 11.4852)
contains.

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Color

**YUV(95.9040, 15.8233,
11.4852)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5380
RGB	109, 83, 128
RGB Percent	43%, 33%, 50%
CMY	0.5725, 0.6745, 0.4980
CMYK	0.15, 0.35, 0.00, 0.50
HSL	275°, 21%, 41%
HSV	275°, 35%, 50%
XYZ	13.2962, 10.9962, 21.8438
YIQ	95.9040, 1.0510, 19.5070

Conversions

Conversions Part 2

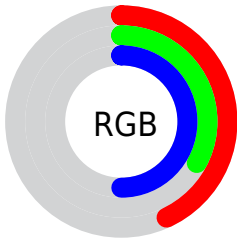
Format	Color
R_{YB}	109, 83, 128
Decimal	7164800
CIE _{Lab}	39.57, 20.01, -21.26
CIE _{LCh}	40, 29.201, 313.266
Yxy	10.9962, 0.2882, 0.2383
Android (android.graphics.Color)	4285354880 (0xFF6D5380)
YUV	95.9040, 15.8233, 11.4852
Hunter-Lab	33.1606, 13.5412, -15.8435

Details

The YUV color **95.9040, 15.8233, 11.4852** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **115.0960, -15.8233, -11.4852**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8440, 16.8389, 12.4148**, and **48.6650, 14.9552, 9.9408** is the 20% darker color. If you saturate the color by 10%, you get **86.7780, 20.3224, 15.1037**, and if you desaturate by 10%, it is **105.0300, 11.3242, 7.8667**.

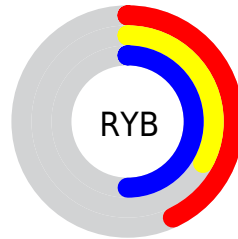
Distribution



Red (43%)

Green (33%)

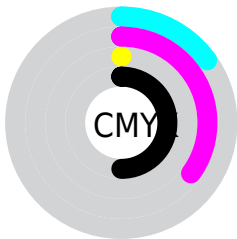
Blue (50%)



Red (43%)

Yellow (33%)

Blue (50%)

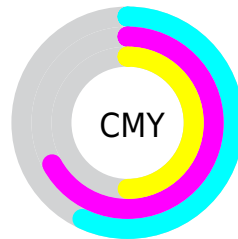


Cyan (15%)

Magenta (35%)

Yellow (0%)

Black (50%)



Cyan (57%)

Magenta (67%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9040, 15.8233, 11.4852 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 95.9040, 15.8233, 11.4852 by changing the saturation by 10% instead.

■ 95.9040, 15.8233,
11.4852

■ 95.9040, 15.8233,
11.4852

255.0000, 0.0000,
0.0000

■ 72.0780, 15.2445,
10.4556

■ 146.8440, 16.8389,
12.4148

■ 48.6650, 14.9552,
9.9408

■ 173.3710, 17.5651,
12.8296

■ 27.7250, 13.9396,
9.0112

■ 200.7840, 17.8545,
13.3444

■ 9.8560, 11.9030,
8.8963

■ 227.9430, 13.3391,
14.9590

■ 0.9120, 3.4944,
-0.7998

■ 247.3690, 3.7621,
6.6924

■ 0.0000, 0.0000,
0.0000

95.9040, 15.8233,
11.4852

95.9040, 15.8233,
11.4852

86.7780, 20.3224,
15.1037

105.0300, 11.3242,
7.8667

77.3530, 24.9690,
18.1074

114.4550, 6.6777,
4.8630

68.8140, 29.1787,
21.2111

122.9940, 2.4680,
1.7593

59.3890, 33.8252,
24.2148

132.4190, -2.1786,
-1.2445

50.2630, 38.3243,
27.8333

141.5450, -6.6777,
-4.8630

41.1370, 42.8235,
31.4519


150.6710,
-11.1768, -8.4815

36.7180, 45.0020,
32.6963

160.0960,
-15.8233, -11.4852

168.6350,

-20.0331, -14.5889

 178.0600,
-24.6796, -17.5926

Harmonies

Analogous

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



91.9760, 23.1828, -15.7650



95.9040, 15.8233, 11.4852



96.0930, 5.8702, 30.6134

Triad

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



95.9040, 15.8233, 11.4852



92.0080, -22.1889, 23.6720



73.9640, 14.3147, -64.8664

Complementary

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



95.9040, 15.8233, 11.4852



115.0960, -15.8233, -11.4852

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.



82.0030, -1.4805, -38.5906



95.9040, 15.8233, 11.4852



90.3110, -21.8453, 6.7433

Square

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



95.9040, 15.8233, 11.4852



93.5070, -15.5330, 35.5124



87.1280, -14.3601, -14.1443



75.2980, 24.5031, -66.0363

Rectangle

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



95.9040, 15.8233, 11.4852



95.1880, -1.5717, 37.5461



87.1280, -14.3601, -14.1443



73.0520, 10.8204, -64.0666

Sweetspot

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



95.9040, 15.8233, 11.4852



153.0420, 6.3883, 4.3482



99.8700, 13.8681, -14.7950



76.3470, 3.7729, 3.2037



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



95.9040, 15.8233, 11.4852



115.9400, 24.6796, 17.5926



101.2430, 11.7122, 23.4659



58.9940, 2.4680, 1.7593



36.7180, 45.0020, 32.6963



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.6210, 1.6658, 25.7654



120.3500, 2.7855, 40.0351



109.7570, -11.7122, -23.4659



59.4350, 0.2785, 4.0035



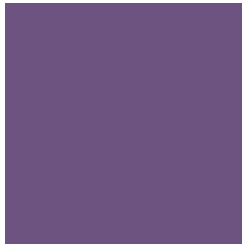
44.4280, 4.7190, 73.2926



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.9040, 15.8233, 11.4852 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 95.9040, 15.8233, 11.4852 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 95.9040, 15.8233, 11.4852

Background



This preview shows how black text looks on a background with the YUV color 95.9040, 15.8233, 11.4852.



This preview shows how white text looks on a background with the YUV color 95.9040, 15.8233,

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

95.9040, 15.8233, 11.4852

Protanopia

93.0150, 20.6986, -12.2912

Deuteranopia

93.4840, 16.0304, -8.3175



Tritanopia

94.2830, 0.8465, 8.5218

Trichromacy



Original Color

95.9040, 15.8233, 11.4852

Protanomaly

94.2010, 18.6349, -3.6843

Deuteranomaly

94.5280, 16.0087, -1.3401

Tritanomaly

95.0750, 6.3720, 9.5812

Monochromacy



Original Color

95.9040, 15.8233, 11.4852

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9280, 5.9515, 4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9040, 15.8233, 11.4852 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(109, 83, 128)` looks like.

```
.text, #text, p{  
    color:rgb(109, 83, 128)  
}
```

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(109, 83, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 83, 128) }
```

Border

The CSS property to change the border of an element to YUV 95.9040, 15.8233, 11.4852 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(109, 83, 128) }
```


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

```
.border{ border-color:rgb(109, 83, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 83, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 83, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 83, 128);  
box-shadow:4px 4px 4px 4px rgb(109, 83,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 95.9040, 15.8233, 11.4852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 83, 128) }
```

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

```
.background{ background-color: rgb(109, 83,  
128) }
```

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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