

Converting Colors

YUV(95.1480, 15.7030, 3.3782)

Have a look what the booklet for
YUV(95.1480, 15.7030, 3.3782)
contains.

YUV(95.1480, 15.7030, 3.3782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(95.1480, 15.7030,
3.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	63577F
RGB	99, 87, 127
RGB Percent	39%, 34%, 50%
CMY	0.6118, 0.6588, 0.5020
CMYK	0.22, 0.31, 0.00, 0.50
HSL	258°, 19%, 42%
HSV	258°, 31%, 50%
XYZ	12.3845, 11.0013, 21.5494
YIQ	95.1480, -5.6880, 14.9840

Conversions

Conversions Part 2

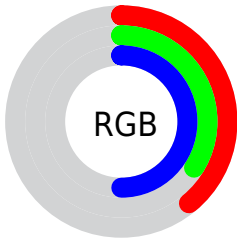
Format	Color
R_{YB}	99, 87, 127
Decimal	6510463
CIE _{Lab}	39.58, 13.90, -20.72
CIE _{LCh}	40, 24.953, 303.862
Yxy	11.0013, 0.2756, 0.2448
Android (android.graphics.Color)	4284700543 (0xFF63577F)
YUV	95.1480, 15.7030, 3.3782
Hunter-Lab	33.1683, 8.6048, -15.3029

Details

The YUV color **95.1480, 15.7030, 3.3782** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118.8520, -15.7030, -3.3782**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.7890, 16.8660, 3.6930**, and **48.7950, 14.3981, 1.9338** is the 20% darker color. If you saturate the color by 10%, you get **84.8260, 20.7918, 4.5376**, and if you desaturate by 10%, it is **105.4700, 10.6143, 2.2188**.

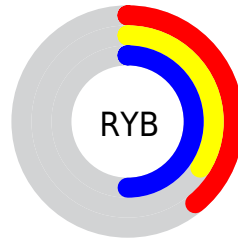
Distribution



Red (39%)

Green (34%)

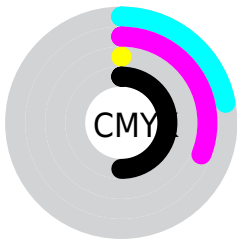
Blue (50%)



Red (39%)

Yellow (34%)

Blue (50%)

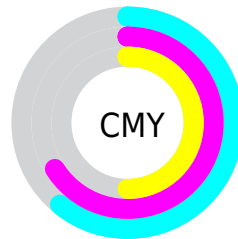


Cyan (22%)

Magenta (31%)

Yellow (0%)

Black (50%)



Cyan (61%)

Magenta (66%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1480, 15.7030, 3.3782 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 95.1480, 15.7030, 3.3782 by changing the saturation by 10% instead.

■ 95.1480, 15.7030,
3.3782

■ 95.1480, 15.7030,
3.3782

■ 255.0000, 0.0000,
0.0000

■ 71.6210, 14.9768,
2.9634

■ 145.7890, 16.8660,
3.6930

■ 48.7950, 14.3981,
1.9338

■ 172.2020, 17.1554,
4.2078

■ 27.2680, 13.6719,
1.5190

■ 199.7290, 17.8816,
4.6227

■ 5.9690, 13.8193,
0.9042

■ 226.7030, 13.9504,
5.5225

■ 0.7980, 3.0576,
-0.6998

■ 250.3040, 2.3151,
4.1184

■ 0.0000, 0.0000,
0.0000

95.1480, 15.7030,
3.3782

95.1480, 15.7030,
3.3782

84.8260, 20.7918,
4.5376

105.4700, 10.6143,
2.2188

75.0910, 25.5911,
5.1822

115.2050, 5.8149,
1.5742

64.7690, 30.6799,
6.3416

125.5270, 0.7262,
0.4148

54.4470, 35.7686,
7.5010

135.8490, -4.3626,
-0.7446

45.0110, 40.4206,
8.7604

145.8720, -9.3039,
-2.5187

34.6890, 45.5093,
9.9197


155.6070,
-14.1033, -3.1633

25.8400, 49.8719,
10.6643

165.9290,
-19.1920, -4.3227

176.2510,

-24.2807, -5.4821

 185.9860,
-29.0801, -6.1267

Harmonies

Analogous

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



90.7860, 21.3045, -19.9833



95.1480, 15.7030, 3.3782



95.9070, 7.9338, 22.0066

Triad

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



95.1480, 15.7030, 3.3782



93.1590, -17.8264, 24.4166



80.2500, 7.2718, -45.8232

Complementary

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



95.1480, 15.7030, 3.3782



118.8520, -15.7030, -3.3782

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.



86.3530, -5.5970, -24.8656



95.1480, 15.7030, 3.3782



91.6150, -19.5302, 10.8616

Square

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



95.1480, 15.7030, 3.3782



94.3370, -11.0121, 32.1535



89.3570, -14.9660, -6.4521



73.5710, 20.4245, -64.5218

Rectangle

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



95.1480, 15.7030, 3.3782



95.8280, 1.0708, 29.9688



89.3570, -14.9660, -6.4521



82.7410, 2.5927, -38.3609

Sweetspot

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



95.1480, 15.7030, 3.3782



153.9060, 5.9623, 0.9594



107.9960, 9.3690, -18.4135



76.9230, 3.4890, 0.9445



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.



95.1480, 15.7030, 3.3782



115.8630, 24.7175, 5.3821



101.1280, 12.7549, 15.6737



58.3960, 2.7628, 0.5297



25.9540, 50.3087, 10.5643



0.0000, 0.0000, 0.0000

Inverse Universe

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



102.1520, 6.3341, 21.7917



126.8530, 9.9325, 34.3319



112.8720, -12.7549, -15.6737



59.6630, 1.1521, 3.8035



48.4180, 20.0069, 69.7934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.1480, 15.7030, 3.3782 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 95.1480, 15.7030, 3.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

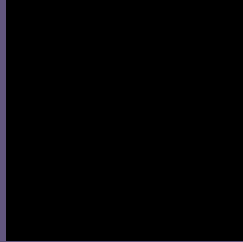
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1480, 15.7030, 3.3782

Background



This preview shows how black text looks on a background with the YUV color 95.1480, 15.7030, 3.3782.



This preview shows how white text looks on a background with the YUV color 95.1480, 15.7030,

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

95.1480, 15.7030, 3.3782

Protanopia

93.1570, 18.6566, -10.6617

Deuteranopia

93.4840, 16.0304, -8.3175



Tritanopia

93.5100, 3.1996, 0.4297

Trichromacy



Original Color

95.1480, 15.7030, 3.3782

Protanomaly

93.9620, 17.7667, -5.2287

Deuteranomaly

93.8050, 15.8721, -4.2140

Tritanomaly

94.0740, 7.8515, 1.6891

Monochromacy



Original Color

95.1480, 15.7030, 3.3782

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1480, 15.7030, 3.3782 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(99, 87, 127)` looks like.

```
.text, #text, p{  
    color:rgb(99, 87, 127)  
}
```

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(99, 87, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 87, 127) }
```

Border

The CSS property to change the border of an element to YUV 95.1480, 15.7030, 3.3782 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(99, 87, 127) }
```


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

```
.border{ border-color:rgb(99, 87, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 87, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 87, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 87, 127);  
box-shadow:4px 4px 4px 4px rgb(99, 87,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 95.1480, 15.7030, 3.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 87, 127) }
```

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

```
.background{ background-color: rgb(99, 87,  
127) }
```

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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