

Converting Colors

YUV(95.0510, 16.2439, 16.6183)

Have a look what the booklet for
YUV(95.0510, 16.2439, 16.6183)
contains.

YUV(95.0510, 16.2439, 16.6183)	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(95.0510, 16.2439,
16.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	724F80
RGB	114, 79, 128
RGB Percent	45%, 31%, 50%
CMY	0.5529, 0.6902, 0.4980
CMYK	0.11, 0.38, 0.00, 0.50
HSL	283°, 24%, 41%
HSV	283°, 38%, 50%
XYZ	13.6317, 10.7279, 21.7743
YIQ	95.0510, 5.1310, 22.6590

Conversions

Conversions Part 2

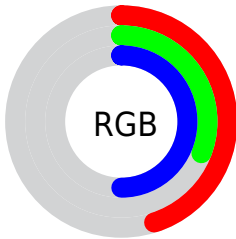
Format	Color
R _Y B	114, 79, 128
Decimal	7491456
CIE Lab	39.12, 24.14, -21.92
CIE LCh	39, 32.613, 317.757
Yxy	10.7279, 0.2955, 0.2325
Android (android.graphics.Color)	4285681536 (0xFF724F80)
YUV	95.0510, 16.2439, 16.6183
Hunter-Lab	32.7534, 16.9716, -16.4882

Details

The YUV color **95.0510, 16.2439, 16.6183** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **111.9490, -16.2439, -16.6183**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2900, 17.1120, 18.1627**, and **47.8120, 15.3757, 15.0739** is the 20% darker color. If you saturate the color by 10%, you get **86.2240, 20.5956, 20.8516**, and if you desaturate by 10%, it is **103.8780, 11.8921, 12.3850**.

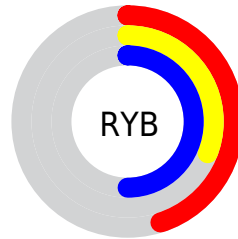
Distribution



Red (45%)

Green (31%)

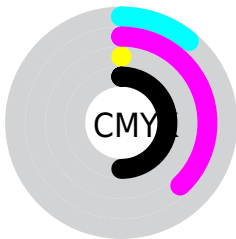
Blue (50%)



Red (45%)

Yellow (31%)

Blue (50%)

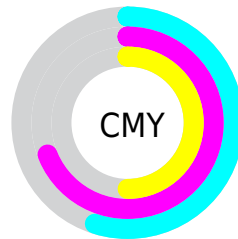


Cyan (11%)

Magenta (38%)

Yellow (0%)

Black (50%)



Cyan (55%)

Magenta (69%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0510, 16.2439, 16.6183 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 95.0510, 16.2439, 16.6183 by changing the saturation by 10% instead.

■ 95.0510, 16.2439,
16.6183

■ 95.0510, 16.2439,
16.6183

■ 255.0000, 0.0000,
0.0000

■ 71.2250, 15.6651,
15.5887

■ 146.2900, 17.1120,
18.1627

■ 47.8120, 15.3757,
15.0739

■ 172.8170, 17.8382,
18.5775

■ 25.8720, 14.3601,
14.1443

■ 200.2300, 18.1276,
19.0923

■ 10.7530, 11.4608,
10.7406

■ 227.3890, 13.6122,
20.7068

■ 0.9120, 3.4944,
-0.7998

■ 245.0210, 4.9196,
8.7516

■ 0.0000, 0.0000,
0.0000

95.0510, 16.2439,
16.6183

95.0510, 16.2439,
16.6183

86.2240, 20.5956,
20.8516

103.8780, 11.8921,
12.3850

77.6960, 24.7999,
25.6996

112.4060, 7.6878,
7.5369

69.4560, 28.8622,
29.4181

120.6460, 3.6255,
3.8185

60.6290, 33.2139,
33.6514

129.4730, -0.7262,
-0.4148

52.1010, 37.4182,
38.4994

138.0010, -4.9305,
-5.2629

43.2740, 41.7699,
42.7327


146.8280, -9.2822,
-9.4962

41.8010, 42.4961,
43.1475

155.6550,
-13.6339, -13.7294

163.5960,

-17.5488, -18.0627

 172.4230,
-21.9005, -22.2960

Harmonies

Analogous

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



91.2690, 25.5034, -13.3909



95.0510, 16.2439, 16.6183



94.1970, 4.8329, 36.6612

Triad

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



95.0510, 16.2439, 16.6183



90.4980, -25.3885, 23.2423



74.4200, 16.0619, -65.2663

Complementary

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



95.0510, 16.2439, 16.6183



111.9490, -16.2439, -16.6183

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.



73.7450, 3.0837, -55.9044



95.0510, 16.2439, 16.6183



88.4200, -23.8711, 3.1397

Square

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



95.0510, 16.2439, 16.6183



91.7200, -18.5960, 37.9566



84.6820, -14.6332, -19.8921



75.3950, 27.4133, -66.1214

Rectangle

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



95.0510, 16.2439, 16.6183



93.3520, -3.6245, 42.6643



84.6820, -14.6332, -19.8921



73.3940, 12.1308, -64.3665

Sweetspot

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



95.0510, 16.2439, 16.6183



153.9390, 5.9461, 6.1925



93.3910, 17.0622, -12.6209



76.6460, 3.6255, 3.8185



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.



95.0510, 16.2439, 16.6183



114.8100, 25.2367, 25.5996



98.0970, 9.8122, 26.2249



59.2930, 2.3206, 2.3740



41.8010, 42.4961, 43.1475



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.2470, -1.1078, 28.7244



115.1180, -2.0302, 44.6235



108.9030, -9.8122, -26.2249



59.3210, -0.1583, 4.1035



42.3760, -3.1434, 75.0922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.0510, 16.2439, 16.6183 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 95.0510, 16.2439, 16.6183 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 95.0510, 16.2439, 16.6183

Background



This preview shows how black text looks on a background with the YUV color 95.0510, 16.2439, 16.6183.



This preview shows how white text looks on a background with the YUV color 95.0510, 16.2439,

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

95.0510, 16.2439, 16.6183

Protanopia

92.1720, 22.5932, -13.3058

Deuteranopia

92.5980, 16.4672, -8.4174



Tritanopia

93.6750, -0.3328, 13.4400

Trichromacy



Original Color

95.0510, 16.2439, 16.6183

Protanomaly

93.2550, 20.0873, -2.8546

Deuteranomaly

93.6530, 16.4401, 0.3043

Tritanomaly

93.9940, 5.9190, 14.9143

Monochromacy



Original Color

95.0510, 16.2439, 16.6183

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9390, 5.9461, 6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0510, 16.2439, 16.6183 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, 79, 128)` looks like.

```
.text, #text, p{  
    color:rgb(114, 79, 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(114, 79, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 79, 128) }
```

Border

The CSS property to change the border of an element to YUV 95.0510, 16.2439, 16.6183 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, 79, 128) }
```


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

```
.border{ border-color:rgb(114, 79, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 79, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 79, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 79, 128);  
box-shadow:4px 4px 4px 4px rgb(114, 79,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 95.0510, 16.2439, 16.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 79, 128) }
```

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

```
.background{ background-color: rgb(114, 79,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor