

Converting Colors

YUV(94.9560, 6.9237, 19.3326)

Have a look what the booklet for
YUV(94.9560, 6.9237, 19.3326)
contains.

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Color

**YUV(94.9560, 6.9237,
19.3326)**

Conversions

Conversions Part 1

Format	Color
Hex	75516D
RGB	117, 81, 109
RGB Percent	46%, 32%, 43%
CMY	0.5412, 0.6824, 0.5725
CMYK	0.00, 0.31, 0.07, 0.54
HSL	313°, 18%, 39%
HSV	313°, 31%, 46%
XYZ	13.0389, 10.7709, 15.8598
YIQ	94.9560, 12.4680, 16.3400

Conversions

Conversions Part 2

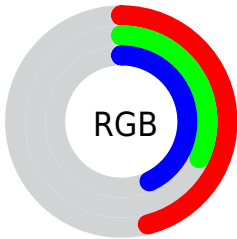
Format	Color
R_{YB}	117, 81, 109
Decimal	7688557
CIE Lab	39.19, 19.98, -10.07
CIE LCh	39, 22.371, 333.242
Yxy	10.7709, 0.3287, 0.2715
Android (android.graphics.Color)	4285878637 (0xFF75516D)
YUV	94.9560, 6.9237, 19.3326
Hunter-Lab	32.8190, 13.4840, -5.6785

Details

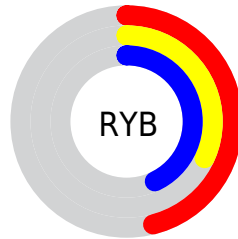
The YUV color **94.9560, 6.9237, 19.3326** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **103.0440, -6.9237, -19.3326**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0810, 7.3551, 20.9770**, and **47.8310, 6.4923, 17.6882** is the 20% darker color. If you saturate the color by 10%, you get **87.5700, 9.0860, 25.8101**, and if you desaturate by 10%, it is **102.3420, 4.7614, 12.8551**.

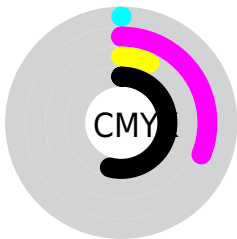
Distribution



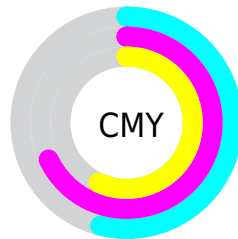
- Red (46%)
- Green (32%)
- Blue (43%)



- Red (46%)
- Yellow (32%)
- Blue (43%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (54%)



- Cyan (54%)
- Magenta (68%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9560, 6.9237, 19.3326 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 94.9560, 6.9237, 19.3326 by changing the saturation by 10% instead.

94.9560, 6.9237,
19.3326

94.9560, 6.9237,
19.3326

255.0000, 0.0000,
0.0000

71.2440, 6.7817,
18.2030

146.0810, 7.3551,
20.9770

47.8310, 6.4923,
17.6882

172.4940, 7.6445,
21.4918

26.2330, 6.7871,
16.4587

199.7930, 7.4971,
22.1065

9.6410, 4.6140,
13.4698

228.2060, 7.7864,
22.6213

0.0000, 0.0000,
0.0000

246.1950, 4.3409,
7.7220

94.9560, 6.9237,
19.3326

94.9560, 6.9237,
19.3326

87.5700, 9.0860,
25.8101

102.3420, 4.7614,
12.8551

80.8850, 11.3957,
31.6729

109.0270, 2.4517,
6.9923

73.4990, 13.5580,
38.1504

116.4130, 0.2894,
0.5148

66.2270, 16.1571,
44.5279

123.6850, -2.3097,
-5.8627

58.8410, 18.3194,
51.0054

130.4840, -4.1826,
-11.8255

52.0420, 20.1923,
56.9682


137.8700, -6.3449,
-18.3030

45.3570, 22.5020,
62.8309

145.1420, -8.9440,
-24.6805

152.5280,

-11.1063, -31.1581

 159.2130,
-13.4160, -37.0208

Harmonies

Analogous

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



94.0940, 14.2507, 2.5486



94.9560, 6.9237, 19.3326



94.1330, -1.5446, 28.8244

Triad

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



94.9560, 6.9237, 19.3326



91.1850, -17.3462, 10.3618



79.5300, 16.0077, -47.8228

Complementary

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



94.9560, 6.9237, 19.3326



103.0440, -6.9237, -19.3326

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.



82.2510, 5.7923, -37.9311



94.9560, 6.9237, 19.3326



88.7100, -13.6610, -5.0077

Square

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



94.9560, 6.9237, 19.3326



92.6040, -16.0738, 22.2723



86.3750, -5.6079, -21.3769



84.5080, 19.4696, -38.1565

Rectangle

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



94.9560, 6.9237, 19.3326



93.6510, -7.2229, 30.1241



86.3750, -5.6079, -21.3769



80.0310, 12.8027, -46.5082

Sweetspot

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



94.9560, 6.9237, 19.3326



144.4400, 2.7411, 7.5071



87.4960, 14.5455, 1.3190



71.4890, 1.7309, 4.8331



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



94.9560, 6.9237, 19.3326



118.0590, 10.8169, 30.6433



92.9040, -0.9387, 21.1322



55.2500, 0.8628, 3.2888



47.3080, 23.5122, 65.5049



96.8660, 47.8871, 134.2985

Inverse Universe

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



94.9560, 6.9237, 19.3326



118.0590, 10.8169, 30.6433



105.0960, 0.9387, -21.1322



55.2500, 0.8628, 3.2888



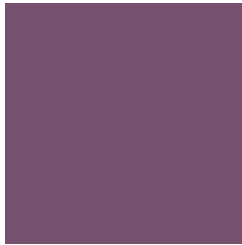
47.3080, 23.5122, 65.5049



96.8660, 47.8871, 134.2985

Previews

White Background



This preview shows how the YUV color 94.9560, 6.9237, 19.3326 looks on a white background.

Color Contrast Check

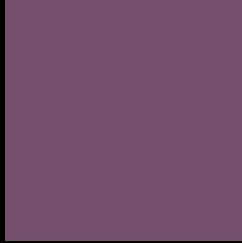
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.9560, 6.9237, 19.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

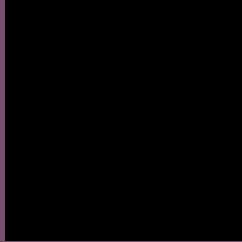
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.9560, 6.9237, 19.3326

Background



This preview shows how black text looks on a background with the YUV color 94.9560, 6.9237, 19.3326.



This preview shows how white text looks on a background with the YUV color 94.9560, 6.9237,

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

94.9560, 6.9237, 19.3326

Protanopia

93.2410, 11.2202, -5.4734

Deuteranopia

93.4330, 6.6885, 1.3743



Tritanopia

94.0670, -1.5120, 18.3582

Trichromacy



Original Color

94.9560, 6.9237, 19.3326

Protanomaly

93.8400, 9.4459, 3.6483

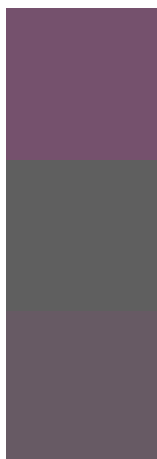
Deuteranomaly

94.1780, 6.8142, 7.7369

Tritanomaly

94.5770, 1.6875, 18.7880

Monochromacy



Original Color

94.9560, 6.9237, 19.3326

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9560, 6.9237, 19.3326 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(117, 81, 109)` looks like.

```
.text, #text, p{  
    color:rgb(117, 81, 109)  
}
```

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(117, 81, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 81, 109) }
```

Border

The CSS property to change the border of an element to YUV 94.9560, 6.9237, 19.3326 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(117, 81, 109) }
```


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

```
.border{ border-color:rgb(117, 81, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 81, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 81, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 81, 109);  
box-shadow:4px 4px 4px 4px rgb(117, 81,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 94.9560, 6.9237, 19.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 81, 109) }
```

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

```
.background{ background-color: rgb(117, 81,  
109) }
```

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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