

Converting Colors

YUV(95.5720, 9.5780, 54.7494)

Have a look what the booklet for
YUV(95.5720, 9.5780, 54.7494)
contains.

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Color

**YUV(95.5720, 9.5780,
54.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3C73
RGB	158, 60, 115
RGB Percent	62%, 24%, 45%
CMY	0.3804, 0.7647, 0.5490
CMYK	0.00, 0.62, 0.27, 0.38
HSL	326°, 45%, 43%
HSV	326°, 62%, 62%
XYZ	18.8109, 11.7386, 17.4940
YIQ	95.5720, 40.7530, 37.8810

Conversions

Conversions Part 2

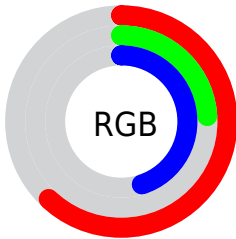
Format	Color
R _Y B	158, 60, 115
Decimal	10370163
CIE Lab	40.80, 46.56, -10.80
CIE LCh	41, 47.799, 346.941
Yxy	11.7386, 0.3915, 0.2443
Android (android.graphics.Color)	4288560243 (0xFF9E3C73)
YUV	95.5720, 9.5780, 54.7494
Hunter-Lab	34.2617, 38.0451, -6.2903

Details

The YUV color **95.5720, 9.5780, 54.7494** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **122.4280, -9.5780, -54.7494**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6540, 8.5516, 57.3084**, and **38.4350, 14.0825, 56.6235** is the 20% darker color. If you saturate the color by 10%, you get **85.3820, 11.1507, 63.6860**, and if you desaturate by 10%, it is **105.7620, 8.0053, 45.8127**.

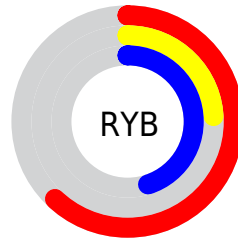
Distribution



Red (62%)

Green (24%)

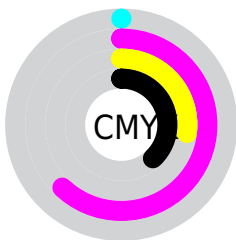
Blue (45%)



Red (62%)

Yellow (24%)

Blue (45%)

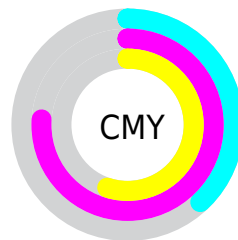


Cyan (0%)

Magenta (62%)

Yellow (27%)

Black (38%)



Cyan (38%)

Magenta (76%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5720, 9.5780, 54.7494 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 95.5720, 9.5780, 54.7494 by changing the saturation by 10% instead.

■ 95.5720, 9.5780,
54.7494

■ 95.5720, 9.5780,
54.7494

255.0000, 0.0000,
0.0000

■ 67.9140, 10.8884,
54.4494

■ 149.6540, 8.5516,
57.3084

■ 38.4350, 14.0825,
56.6235

■ 177.5510, 8.1094,
59.1528

■ 28.1530, 8.3056,
42.8388

■ 199.5820, 11.0521,
48.6016

■ 18.6970, 3.1074,
30.0837

■ 219.3240, 15.6163,
31.2879

■ 5.0830, -2.5059,
10.4512

■ 236.8030, 8.9711,
15.9588

■ 0.0000, 0.0000,
0.0000

253.8260, 0.5788,

1.0296

■ 95.5720, 9.5780,
54.7494

■ 95.5720, 9.5780,
54.7494

■ 85.3820, 11.1507,
63.6860

■ 105.7620, 8.0053,
45.8127

■ 75.1920, 12.7233,
72.6226

■ 115.9520, 6.4327,
36.8761

■ 65.5890, 14.0066,
81.0444

■ 125.5550, 5.1494,
28.4543

■ 57.3880, 15.5847,
88.2367

■ 135.7450, 3.5767,
19.5176

■ 145.9350, 2.0040,
10.5810

■ 156.1250, 0.4314,
1.6444

■ 166.3150, -1.1413,
-7.2923

■ 175.8040, -2.8614,
-15.6141

■ 185.9940, -4.4340,
-24.5507

Harmonies

Analogous

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



99.3860, 24.9527, 23.3405



95.5720, 9.5780, 54.7494



92.3440, -8.0576, 64.5963

Triad

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



95.5720, 9.5780, 54.7494



88.3760, -40.6114, 5.8092



83.1860, 34.4183, -72.9541

Complementary

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



95.5720, 9.5780, 54.7494



122.4280, -9.5780, -54.7494

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.



80.9570, 18.2622, -70.9993



95.5720, 9.5780, 54.7494



82.4820, -21.4366, -31.1177

Square

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



95.5720, 9.5780, 54.7494



91.5520, -40.6981, 33.7189



75.1090, 0.9323, -65.8706



81.9440, 44.8906, -71.8649

Rectangle

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



95.5720, 9.5780, 54.7494



92.6950, -20.5556, 59.9035



75.1090, 0.9323, -65.8706



82.5190, 29.3241, -72.3692

Sweetspot

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



95.5720, 9.5780, 54.7494



181.4680, 3.7133, 22.3916



83.7300, 36.6151, 16.0228



89.6580, 2.1406, 13.4549



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



95.5720, 9.5780, 54.7494



109.4370, 14.5746, 85.5628



90.1000, -11.3883, 59.5483



73.9620, 1.0047, 4.4183



51.8770, 13.8646, 79.9149



5.5110, 1.7201, 8.3219

Inverse Universe

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



95.5720, 9.5780, 54.7494



109.4370, 14.5746, 85.5628



127.9000, 11.3883, -59.5483



73.9620, 1.0047, 4.4183



51.8770, 13.8646, 79.9149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 95.5720, 9.5780, 54.7494 looks on a white background.

Color Contrast Check

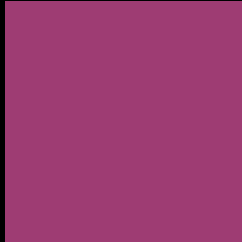
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.5720, 9.5780, 54.7494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

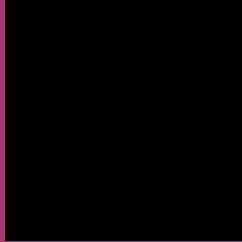
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.5720, 9.5780, 54.7494

Background



This preview shows how black text looks on a background with the YUV color 95.5720, 9.5780, 54.7494.



This preview shows how white text looks on a background with the YUV color 95.5720, 9.5780,

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

95.5720, 9.5780, 54.7494

Protanopia

96.2430, 21.5722, -12.4911

Deuteranopia

97.6180, 6.1043, 2.0890



Tritanopia

95.8710, -10.7824, 51.8561

Trichromacy



Original Color

95.5720, 9.5780, 54.7494

Protanomaly

95.9580, 17.2757, 12.3148

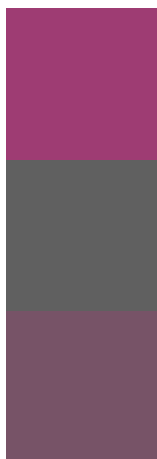
Deuteranomaly

97.0810, 7.3551, 20.9770

Tritanomaly

95.5320, -3.2203, 53.0304

Monochromacy



Original Color

95.5720, 9.5780, 54.7494

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0440, 3.4293, 20.1324

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5720, 9.5780, 54.7494 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(158, 60, 115)` looks like.

```
.text, #text, p{  
    color:rgb(158, 60, 115)  
}
```

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(158, 60, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 60, 115) }
```

Border

The CSS property to change the border of an element to YUV 95.5720, 9.5780, 54.7494 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(158, 60, 115) }
```


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

```
.border{ border-color:rgb(158, 60, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 60, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 60, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 60, 115);  
box-shadow:4px 4px 4px 4px rgb(158, 60,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 95.5720, 9.5780, 54.7494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 60, 115) }
```

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

```
.background{ background-color: rgb(158, 60,  
115) }
```

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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