

Converting Colors

YUV(94.8950, 5.9678, -0.7849)

Have a look what the booklet for
YUV(94.8950, 5.9678, -0.7849)
contains.

YUV(94.8950, 5.9678, -0.7849)	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(94.8950, 5.9678,
-0.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5D6B
RGB	94, 93, 107
RGB Percent	37%, 36%, 42%
CMY	0.6314, 0.6353, 0.5804
CMYK	0.12, 0.13, 0.00, 0.58
HSL	244°, 7%, 39%
HSV	244°, 13%, 42%
XYZ	11.1843, 11.2699, 15.4958
YIQ	94.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

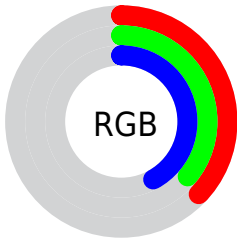
Format	Color
R_{YB}	94, 93, 107
Decimal	6184299
CIE Lab	40.03, 3.50, -7.81
CIE LCh	40, 8.562, 294.134
Yxy	11.2699, 0.2947, 0.2970
Android (android.graphics.Color)	4284374379 (0xFF5E5D6B)
YUV	94.8950, 5.9678, -0.7849
Hunter-Lab	33.5707, 0.7196, -3.8679

Details

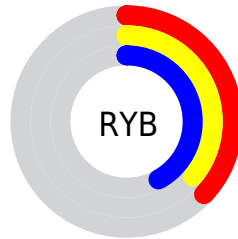
The YUV color **94.8950, 5.9678, -0.7849** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **105.1050, -5.9678, 0.7849**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0090, 6.4046, -0.8849**, and **48.7810, 5.5310, -0.6849** is the 20% darker color. If you saturate the color by 10%, you get **85.4480, 10.6251, -1.2699**, and if you desaturate by 10%, it is **104.3420, 1.3104, -0.2999**.

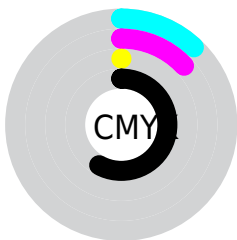
Distribution



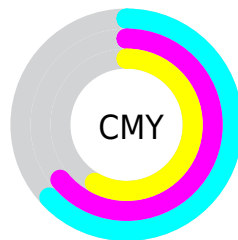
- Red (37%)
- Green (36%)
- Blue (42%)



- Red (37%)
- Yellow (36%)
- Blue (42%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (64%)
- Yellow (58%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8950, 5.9678, -0.7849 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 94.8950, 5.9678, -0.7849 by changing the saturation by 10% instead.

■ 94.8950, 5.9678,
-0.7849

■ 94.8950, 5.9678,
-0.7849

255.0000, 0.0000,
0.0000

■ 70.8950, 5.9678,
-0.7849

■ 145.0090, 6.4046,
-0.8849

■ 48.7810, 5.5310,
-0.6849

■ 172.0090, 6.4046,
-0.8849

■ 27.6670, 5.0942,
-0.5850

■ 199.1230, 6.8414,
-0.9849

■ 2.0520, 7.8624,
-1.7996

■ 227.1230, 6.8414,
-0.9849

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2894,
0.5148

■ 94.8950, 5.9678,
-0.7849

■ 94.8950, 5.9678,
-0.7849

■ 85.4480, 10.6251,
-1.2699

■ 104.3420, 1.3104,
-0.2999

■ 76.5880, 14.9931,
-2.2697

■ 113.2020, -3.0576,
0.6998

■ 67.1410, 19.6505,
-2.7547

■ 122.6490, -7.7150,
1.1848

■ 57.6940, 24.3079,
-3.2396

■ 132.0960,
-12.3723, 1.6698

■ 48.8340, 28.6758,
-4.2394

■ 141.5430,
-17.0297, 2.1548

■ 39.3870, 33.3332,
-4.7244

■ 150.4030,
-21.3977, 3.1546

■ 29.9400, 37.9906,
-5.2094

■ 159.8500,
-26.0550, 3.6396

■ 20.7920, 42.5005,

■ 168.9980,

-5.0796

-30.5650, 3.5098

■ 14.5900, 45.5581,
-5.7794

■ 177.8580,
-34.9330, 4.5095

Harmonies

Analogous

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



93.4920, 7.1524, -7.4475



94.8950, 5.9678, -0.7849



95.6570, 3.6201, 5.5628

Triad

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



94.8950, 5.9678, -0.7849



94.8720, -5.8529, 10.6363



91.7490, 0.6167, -11.1809

Complementary

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



94.8950, 5.9678, -0.7849



105.1050, -5.9678, 0.7849

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.



92.4570, -3.1833, -5.6628



94.8950, 5.9678, -0.7849



94.0240, -6.4208, 6.1180

Square

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



94.8950, 5.9678, -0.7849



95.5670, -3.2375, 11.7807



93.8060, -5.8204, 0.1701



91.6500, 4.1165, -13.7251

Rectangle

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



94.8950, 5.9678, -0.7849



95.6960, 1.1359, 9.0366



93.8060, -5.8204, 0.1701



92.0050, -0.9885, -9.6514

Sweetspot

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



94.8950, 5.9678, -0.7849



135.5700, 2.1840, -0.4999



102.2270, 2.3531, -8.0921



68.3420, 1.3104, -0.2999



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



94.8950, 5.9678, -0.7849



120.8070, 9.4621, -1.5847



96.9880, 4.9359, 3.5185



48.9830, 2.4734, 0.0149



15.7300, 49.9261, -6.7792



33.0130, 104.5096, -14.0434

Inverse Universe

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



98.6680, 3.6147, 7.3072



126.9720, 5.9298, 11.4256



103.0120, -4.9359, -3.5185



50.3640, 1.2995, 3.1888



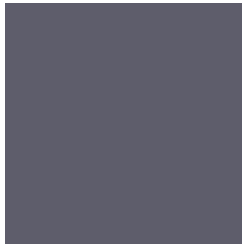
47.4090, 30.3644, 61.0313



99.1330, 63.0384, 127.9254

Previews

White Background



This preview shows how the YUV color 94.8950, 5.9678, -0.7849 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 94.8950, 5.9678, -0.7849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

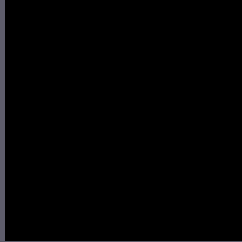
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.8950, 5.9678, -0.7849

Background



This preview shows how black text looks on a background with the YUV color 94.8950, 5.9678, -0.7849.



This preview shows how white text looks on a background with the YUV color 94.8950, 5.9678, -0.7849.

-0.7849.

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

94.8950, 5.9678, -0.7849

Protanopia

94.8840, 5.9732, -2.5293

Deuteranopia

95.2050, 5.8149, 1.5742



Tritanopia

94.4990, 3.2050, -1.3146

Trichromacy



Original Color

94.8950, 5.9678, -0.7849

Protanomaly

95.1830, 5.8258, -1.9145

Deuteranomaly

94.9060, 5.9623, 0.9594

Tritanomaly

94.7270, 4.0786, -1.5146

Monochromacy



Original Color

94.8950, 5.9678, -0.7849

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8950, 5.9678, -0.7849 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(94, 93, 107)` looks like.

```
.text, #text, p{  
    color:rgb(94, 93, 107)  
}
```

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(94, 93, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 93, 107) }
```

Border

The CSS property to change the border of an element to YUV 94.8950, 5.9678, -0.7849 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(94, 93, 107) }
```


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

```
.border{ border-color:rgb(94, 93, 107) }
```

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

Here you see how a box with a 4 pixel rgb(94, 93, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 93, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 93, 107);  
box-shadow:4px 4px 4px 4px rgb(94, 93,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 94.8950, 5.9678, -0.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 93, 107) }
```

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

```
.background{ background-color: rgb(94, 93,  
107) }
```

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