

Converting Colors

YUV(94.7000, 5.0779, 4.6481)

Have a look what the booklet for
YUV(94.7000, 5.0779, 4.6481)
contains.

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Color

**YUV(94.7000, 5.0779,
4.6481)**

Conversions

Conversions Part 1

Format	Color
Hex	645A69
RGB	100, 90, 105
RGB Percent	39%, 35%, 41%
CMY	0.6078, 0.6471, 0.5882
CMYK	0.05, 0.14, 0.00, 0.59
HSL	280°, 8%, 38%
HSV	280°, 14%, 41%
XYZ	11.4615, 11.0416, 14.8918
YIQ	94.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

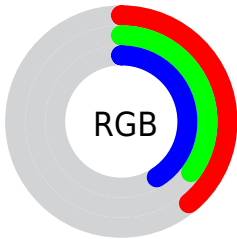
Format	Color
R _Y B	100, 90, 105
Decimal	6576745
CIE Lab	39.65, 7.15, -7.10
CIE LCh	40, 10.074, 315.222
Yxy	11.0416, 0.3065, 0.2953
Android (android.graphics.Color)	4284766825 (0xFF645A69)
YUV	94.7000, 5.0779, 4.6481
Hunter-Lab	33.2289, 3.4188, -3.3110

Details

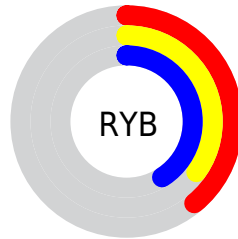
The YUV color **94.7000, 5.0779, 4.6481** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.3000, -5.0779, -4.6481**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1130, 5.3673, 5.1629**, and **48.2870, 4.7885, 4.1333** is the 20% darker color. If you saturate the color by 10%, you get **87.9330, 8.4140, 7.9518**, and if you desaturate by 10%, it is **102.3530, 1.3050, 1.4444**.

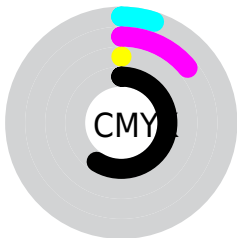
Distribution



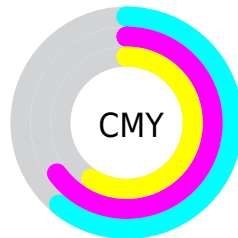
- Red (39%)
- Green (35%)
- Blue (41%)



- Red (39%)
- Yellow (35%)
- Blue (41%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (59%)



- Cyan (61%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.7000, 5.0779, 4.6481 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 94.7000, 5.0779, 4.6481 by changing the saturation by 10% instead.

■ 94.7000, 5.0779,
4.6481

■ 94.7000, 5.0779,
4.6481

■ 255.0000, 0.0000,
0.0000

■ 71.2870, 4.7885,
4.1333

■ 145.1130, 5.3673,
5.1629

■ 48.2870, 4.7885,
4.1333

■ 171.5260, 5.6567,
5.6777

■ 27.7600, 4.0623,
3.7185

■ 199.2270, 5.8041,
5.0629

■ 3.8030, 5.5201,
2.8038

■ 226.6400, 6.0935,
5.5777

■ 0.0000, 0.0000,
0.0000

■ 252.0650, 1.4470,
2.5740

■ 94.7000, 5.0779,
4.6481

■ 94.7000, 5.0779,
4.6481

■ 87.9330, 8.4140,
7.9518

■ 102.3530, 1.3050,
1.4444

■ 80.2800, 12.1870,
11.1554

■ 109.1200, -2.0312,
-1.8592

■ 73.5130, 15.5231,
14.4591

■ 116.7730, -5.8041,
-5.0629

■ 65.8600, 19.2960,
17.6628

■ 123.5400, -9.1402,
-8.3666

■ 59.0930, 22.6322,
20.9664

■ 131.1930,
-12.9131, -11.5703

■ 51.4400, 26.4051,
24.1701

■ 137.9600,
-16.2493, -14.8739

■ 44.6730, 29.7412,
27.4738

■ 145.3140,
-19.8748, -18.6924

■ 37.0200, 33.5141,

■ 152.3800,

30.6775

-23.3583, -21.3813

■ 32.9000, 35.5453,
32.5367

■ 159.7340,
-26.9839, -25.1997

Harmonies

Analogous

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



93.9270, 7.4310, -3.4440



94.7000, 5.0779, 4.6481



95.1200, 1.4198, 11.2958

Triad

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



94.7000, 5.0779, 4.6481



93.4050, -7.5947, 9.2918



90.1120, 3.3958, -15.8842

Complementary

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



94.7000, 5.0779, 4.6481



100.3000, -5.0779, -4.6481

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.



90.9940, -0.9830, -11.3957



94.7000, 5.0779, 4.6481



92.7740, -7.2836, 2.8292

Square

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



94.7000, 5.0779, 4.6481



94.1820, -6.0057, 12.9954



91.4140, -4.6411, -4.7481



90.7360, 7.0322, -15.5545

Rectangle

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



94.7000, 5.0779, 4.6481



95.0340, -1.4958, 13.1252



91.4140, -4.6411, -4.7481



90.4820, 2.2274, -14.4547

Sweetspot

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



94.7000, 5.0779, 4.6481



133.8800, 2.0312, 1.8592



94.6450, 5.1050, -4.0737



66.3530, 1.3050, 1.4444



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



94.7000, 5.0779, 4.6481



121.5200, 8.1246, 7.4370



95.8530, 3.0305, 8.0219



49.8800, 2.0312, 1.8592



36.6600, 39.6076, 36.2552



76.6670, 82.9882, 75.7140

Inverse Universe

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



95.0550, -0.0271, 8.7218



122.0880, -0.0434, 13.9548



99.1470, -3.0305, -8.0219



50.0220, -0.0108, 3.4887



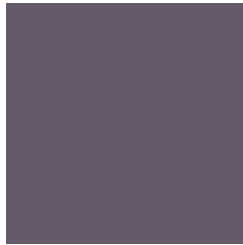
39.4290, -0.2115, 68.0298



82.6030, -0.2973, 142.4222

Previews

White Background



This preview shows how the YUV color 94.7000, 5.0779, 4.6481 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 94.7000, 5.0779, 4.6481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

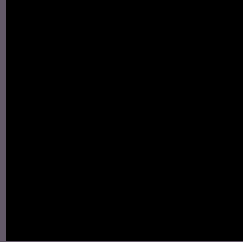
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.7000, 5.0779, 4.6481

Background



This preview shows how black text looks on a background with the YUV color 94.7000, 5.0779, 4.6481.



This preview shows how white text looks on a background with the YUV color 94.7000, 5.0779,

4.6481.

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

94.7000, 5.0779, 4.6481

Protanopia

93.9980, 6.4100, -2.6292

Deuteranopia

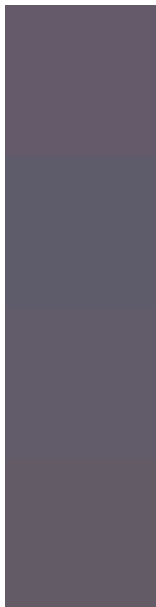
94.3900, 5.2307, 2.2890



Tritanopia

94.1900, 1.8783, 4.2184

Trichromacy



Original Color

94.7000, 5.0779, 4.6481

Protanomaly

94.1940, 5.8204, -0.1701

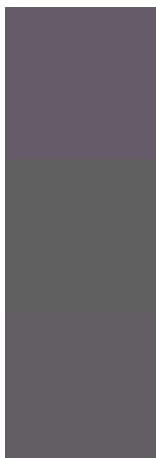
Deuteranomaly

94.6890, 5.0833, 2.9037

Tritanomaly

94.5320, 3.1887, 3.9184

Monochromacy



Original Color

94.7000, 5.0779, 4.6481

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8800, 2.0312, 1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7000, 5.0779, 4.6481 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(100, 90, 105)` looks like.

```
.text, #text, p{  
    color:rgb(100, 90, 105)  
}
```

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(100, 90, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 90, 105) }
```

Border

The CSS property to change the border of an element to YUV 94.7000, 5.0779, 4.6481 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(100, 90, 105) }
```


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

```
.border{ border-color:rgb(100, 90, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 90, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 90, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 90, 105);  
box-shadow:4px 4px 4px 4px rgb(100, 90,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 94.7000, 5.0779, 4.6481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 90, 105) }
```

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

```
.background{ background-color: rgb(100, 90,  
105) }
```

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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