

# Converting Colors

YUV(94.9750, 14.8023, 12.2999)

Have a look what the booklet for  
YUV(94.9750, 14.8023, 12.2999)  
contains.

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# Color

**YUV(94.9750, 14.8023,  
12.2999)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D527D
RGB	109, 82, 125
RGB Percent	43%, 32%, 49%
CMY	0.5725, 0.6784, 0.5098
CMYK	0.13, 0.34, 0.00, 0.51
HSL	278°, 21%, 41%
HSV	278°, 34%, 49%
XYZ	13.0256, 10.7665, 20.7936
YIQ	94.9750, 2.2890, 19.0970

# Conversions

## Conversions Part 2

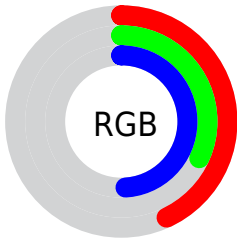
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 82, 125
Decimal	7164541
CIELab	39.18, 19.92, -20.03
CIELCh	39, 28.249, 314.846
Yxy	10.7665, 0.2921, 0.2415
Android (android.graphics.Color)	4285354621 (0xFF6D527D)
YUV	94.9750, 14.8023, 12.2999
Hunter-Lab	32.8123, 13.4384, -14.6044

# Details

The YUV color **94.9750, 14.8023, 12.2999** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **112.0250, -14.8023, -12.2999**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9150, 15.8179, 13.2295**, and **48.3230, 13.6448, 10.2407** is the 20% darker color. If you saturate the color by 10%, you get **86.4360, 19.0121, 15.4036**, and if you desaturate by 10%, it is **104.1010, 10.3032, 8.6814**.

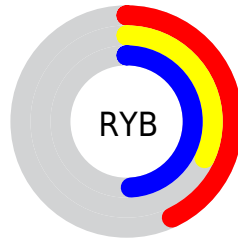
# Distribution



 Red (43%)

 Green (32%)

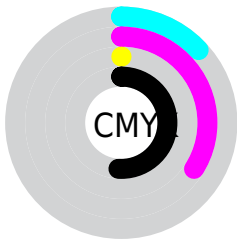
 Blue (49%)




 Red (43%)

 Yellow (32%)

 Blue (49%)

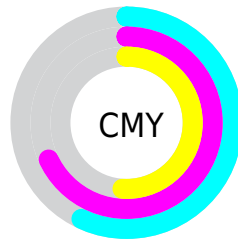


 Cyan (13%)

 Magenta (34%)

 Yellow (0%)

 Black (51%)



 Cyan (57%)

 Magenta (68%)

 Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.9750, 14.8023, 12.2999 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 94.9750, 14.8023, 12.2999 by changing the saturation by 10% instead.



■ 94.9750, 14.8023,  
12.2999

■ 94.9750, 14.8023,  
12.2999

■ 255.0000, 0.0000,  
0.0000

■ 71.1490, 14.2235,  
11.2703

■ 145.9150, 15.8179,  
13.2295

■ 48.3230, 13.6448,  
10.2407

■ 172.3280, 16.1073,  
13.7443

■ 26.7960, 12.9186,  
9.8259

■ 199.8550, 16.8335,  
14.1592

■ 9.3290, 11.1768,  
8.4815

■ 227.3560, 13.6285,  
15.4738

■ 0.3420, 1.3104,  
-0.2999

■ 246.7820, 4.0515,  
7.2072

■ 0.0000, 0.0000,  
0.0000

94.9750, 14.8023,  
12.2999

94.9750, 14.8023,  
12.2999

86.4360, 19.0121,  
15.4036

104.1010, 10.3032,  
8.6814

77.6090, 23.3638,  
19.6369

112.3410, 6.2409,  
4.9629

69.0700, 27.5735,  
22.7406

121.4670, 1.7418,  
1.3444

59.9440, 32.0726,  
26.3591

130.0060, -2.4680,  
-1.7593

51.7040, 36.1349,  
30.0776

138.8330, -6.8197,  
-5.9925

42.5780, 40.6340,  
33.6961


147.3720,  
-11.0294, -9.0962

37.5720, 43.1020,  
35.4554

156.4980,  
-15.5285, -12.7147

164.7380,

-19.5908, -16.4332

 173.8640,  
-24.0900, -20.0517

# Harmonies

## Analogous

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



91.7590, 22.3038, -13.8206



94.9750, 14.8023, 12.2999



94.5660, 5.1440, 30.1986

# Triad

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



94.9750, 14.8023, 12.2999



91.5240, -21.4573, 22.3425



72.7900, 14.8935, -63.8368

# Complementary

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



94.9750, 14.8023, 12.2999



112.0250, -14.8023, -12.2999

# 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.



80.6440, -0.3175, -38.2758



94.9750, 14.8023, 12.2999



89.5280, -20.9663, 4.7989

# Square

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



94.9750, 14.8023, 12.2999



92.4960, -15.5275, 33.7680



86.3560, -13.4865, -14.3442



74.5970, 24.3557, -65.4216



# Rectangle

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



94.9750, 14.8023, 12.2999



93.9490, -2.4399, 36.0017



86.3560, -13.4865, -14.3442



71.8780, 11.3991, -63.0370

# Sweetspot

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



94.9750, 14.8023, 12.2999



151.8140, 5.5147, 4.5481



96.2940, 14.1521, -12.5358



74.9340, 3.4835, 2.6889



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



94.9750, 14.8023, 12.2999



116.1960, 23.0744, 19.1221



99.1890, 10.2598, 22.6362



58.9940, 2.4680, 1.7593



38.5120, 44.1176, 36.3850



0.0000, 0.0000, 0.0000



# Inverse Universe

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



96.6810, 0.6503, 24.8358



118.8830, 1.0437, 38.6906



107.8110, -10.2598, -22.6362



59.4350, 0.2785, 4.0035



43.6300, 1.6614, 73.9925



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 94.9750, 14.8023, 12.2999 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 94.9750, 14.8023, 12.2999 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 94.9750, 14.8023, 12.2999

## Background



This preview shows how black text looks on a background with the YUV color 94.9750, 14.8023, 12.2999.



This preview shows how white text looks on a background with the YUV color 94.9750, 14.8023,



# 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

94.9750, 14.8023, 12.2999

### Protanopia

92.3850, 19.5302, -10.8616

### Deuteranopia

92.5550, 15.0094, -7.5027



## Tritanopia

93.5820, 0.6991, 9.1366

# Trichromacy



## Original Color

94.9750, 14.8023, 12.2999

## Protanomaly

93.5710, 17.4665, -2.2548

## Deuteranomaly

93.5990, 14.9877, -0.5253

## Tritanomaly

94.2600, 5.7878, 10.2960

# Monochromacy



## Original Color

94.9750, 14.8023, 12.2999

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

94.8140, 5.5147, 4.5481

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.9750, 14.8023, 12.2999 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(109, 82, 125)` looks like.

```
.text, #text, p{  
    color:rgb(109, 82, 125)  
}
```

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(109, 82, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 82, 125) }
```

## Border

The CSS property to change the border of an element to YUV 94.9750, 14.8023, 12.2999 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(109, 82, 125) }
```



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

```
.border{ border-color:rgb(109, 82, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 82, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 82, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 82, 125);  
box-shadow:4px 4px 4px 4px rgb(109, 82,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 94.9750, 14.8023, 12.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 82, 125) }
```

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

```
.background{ background-color: rgb(109, 82,  
125) }
```

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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