

# Converting Colors

YUV(94.1400, 24.5810, 2.5082)

Have a look what the booklet for  
YUV(94.1400, 24.5810, 2.5082)  
contains.

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# Color

**YUV(94.1400, 24.5810,  
2.5082)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	615390
RGB	97, 83, 144
RGB Percent	38%, 33%, 56%
CMY	0.6196, 0.6745, 0.4353
CMYK	0.33, 0.42, 0.00, 0.44
HSL	254°, 27%, 45%
HSV	254°, 42%, 56%
XYZ	13.0571, 10.7415, 27.7707
YIQ	94.1400, -11.2370, 21.9390

# Conversions

## Conversions Part 2

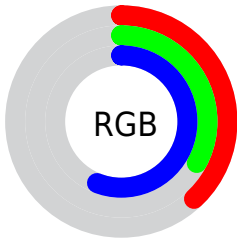
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 83, 144
Decimal	6378384
CIELab	39.14, 20.31, -31.76
CIELCh	39, 37.702, 302.598
Yxy	10.7415, 0.2532, 0.2083
Android (android.graphics.Color)	4284568464 (0xFF615390)
YUV	94.1400, 24.5810, 2.5082
Hunter-Lab	32.7743, 13.7584, -27.2964

# Details

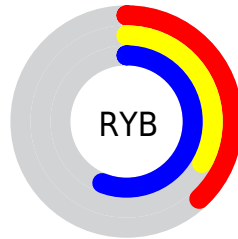
The YUV color **94.1400, 24.5810, 2.5082** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.8600, -24.5810, -2.5082**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1940, 26.0334, 3.3379**, and **46.9610, 22.6972, 0.0342** is the 20% darker color. If you saturate the color by 10%, you get **82.6330, 30.2539, 2.9529**, and if you desaturate by 10%, it is **105.6470, 18.9080, 2.0636**.

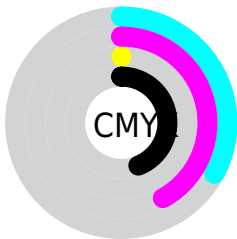
# Distribution



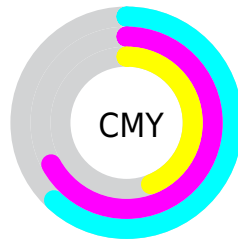
- Red (38%)
- Green (33%)
- Blue (56%)



- Red (38%)
- Yellow (33%)
- Blue (56%)



- Cyan (33%)
- Magenta (42%)
- Yellow (0%)
- Black (44%)



- Cyan (62%)
- Magenta (67%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.1400, 24.5810, 2.5082 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 94.1400, 24.5810, 2.5082 by changing the saturation by 10% instead.



94.1400, 24.5810,  
2.5082

94.1400, 24.5810,  
2.5082

255.0000, 0.0000,  
0.0000

70.2000, 23.5654,  
1.5786

145.1940, 26.0334,  
3.3379

46.9610, 22.6972,  
0.0342

172.0200, 26.6121,  
4.3675

24.4230, 21.9765,  
-2.1250

199.2480, 27.4857,  
4.1675

5.3580, 20.5295,  
-4.6990

224.3550, 15.1080,  
7.5817

3.4370, 10.6306,  
-3.0142

247.3690, 3.7621,  
6.6924

0.0000, 0.0000,  
0.0000

94.1400, 24.5810,  
2.5082

94.1400, 24.5810,  
2.5082

82.6330, 30.2539,  
2.9529

105.6470, 18.9080,  
2.0636

70.5390, 36.2163,  
3.9123

117.7410, 12.9457,  
1.1041

59.0320, 41.8892,  
4.3569

129.2480, 7.2727,  
0.6595

46.9380, 47.8516,  
5.3164

141.3420, 1.3104,  
-0.2999

35.4310, 53.5245,  
5.7610

152.8490, -4.3626,  
-0.7446


26.2830, 58.0345,  
5.8908

164.6550,  
-10.1829, -0.5744

176.7490,  
-16.1453, -1.5339

188.2560,

-21.8182, -1.9785

 200.3500,  
-27.7805, -2.9379

# Harmonies

## Analogous

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



82.7750, 34.6209, -44.5297



94.1400, 24.5810, 2.5082



94.9390, 12.8481, 32.5025

# Triad

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



94.1400, 24.5810, 2.5082



90.3470, -26.3001, 35.6527



73.5250, 10.0942, -64.4814

# Complementary

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



94.1400, 24.5810, 2.5082



132.8600, -24.5810, -2.5082

# 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.



77.7870, -7.2900, -41.9092



94.1400, 24.5810, 2.5082



88.4880, -30.3136, 16.2350

# Square

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



94.1400, 24.5810, 2.5082



91.1110, -14.8447, 48.1377



85.4570, -23.3963, -9.1708



76.9450, 23.1981, -67.4808



# Rectangle

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



94.1400, 24.5810, 2.5082



93.3120, 3.7902, 44.4534



85.4570, -23.3963, -9.1708



72.2710, 5.2894, -63.3817

# Sweetspot

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



94.1400, 24.5810, 2.5082



166.5300, 9.5987, 1.2892



118.1300, 12.7539, -30.8090



81.9060, 5.9623, 0.9594



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



94.1400, 24.5810, 2.5082



108.4080, 38.2529, 4.0272



103.1100, 20.1588, 20.9515



65.3960, 2.7628, 0.5297



24.6590, 54.3981, 5.5611



1.5100, 3.1996, 0.4297



# Inverse Universe

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



106.5970, 11.5377, 32.8024



127.7270, 17.8826, 51.1054



123.8900, -20.1588, -20.9515



66.7770, 1.5889, 3.7036



52.2210, 25.5270, 72.5972



3.0760, 1.4415, 4.3183



# Previews

## White Background



This preview shows how the YUV color 94.1400, 24.5810, 2.5082 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 94.1400, 24.5810, 2.5082 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

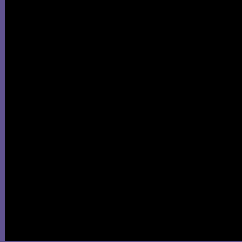
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 94.1400, 24.5810, 2.5082

## Background



This preview shows how black text looks on a background with the YUV color 94.1400, 24.5810, 2.5082.



This preview shows how white text looks on a background with the YUV color 94.1400, 24.5810,



# 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

94.1400, 24.5810, 2.5082

### Protanopia

90.3760, 29.8876, -19.6238

### Deuteranopia

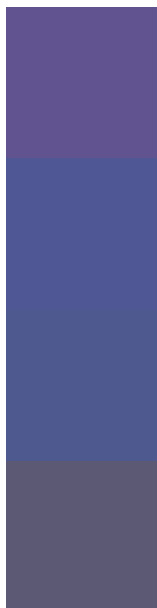
90.2250, 25.5251, -20.3683



## Tritanopia

92.3030, 3.7946, -3.7737

# Trichromacy



## Original Color

94.1400, 24.5810, 2.5082

## Protanomaly

91.5620, 27.8239, -11.0169

## Deuteranomaly

91.8670, 25.2086, -12.1614

## Tritanomaly

92.6760, 11.4987, -1.4699

# Monochromacy



## Original Color

94.1400, 24.5810, 2.5082

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

94.0030, 8.8725, 0.8744

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.1400, 24.5810, 2.5082 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(97, 83, 144)` looks like.

```
.text, #text, p{  
    color:rgb(97, 83, 144)  
}
```

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(97, 83, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 83, 144) }
```

## Border

The CSS property to change the border of an element to YUV 94.1400, 24.5810, 2.5082 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(97, 83, 144) }
```



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

```
.border{ border-color:rgb(97, 83, 144) }
```

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

Here you see how a box with a 4 pixel rgb(97, 83, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 83, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 83, 144);  
box-shadow:4px 4px 4px 4px rgb(97, 83,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 94.1400, 24.5810, 2.5082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 83, 144) }
```

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

```
.background{ background-color: rgb(97, 83,  
144) }
```

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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