

# Converting Colors

YUV(97.4500, 4.2152, 1.3594)

Have a look what the booklet for  
YUV(97.4500, 4.2152, 1.3594)  
contains.

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# Color

**YUV(97.4500, 4.2152,  
1.3594)**

# Conversions

## Conversions Part 1

Format	Color
Hex	635F6A
RGB	99, 95, 106
RGB Percent	39%, 37%, 42%
CMY	0.6118, 0.6275, 0.5843
CMYK	0.07, 0.10, 0.00, 0.58
HSL	262°, 5%, 39%
HSV	262°, 10%, 42%
XYZ	11.8393, 11.8777, 15.3043
YIQ	97.4500, -1.1470, 4.2690

# Conversions

## Conversions Part 2

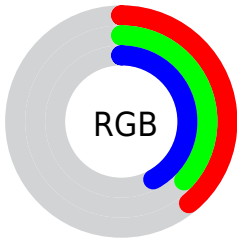
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 95, 106
Decimal	6512490
CIE Lab	41.02, 3.93, -5.68
CIE LCh	41, 6.902, 304.687
Yxy	11.8777, 0.3034, 0.3044
Android (android.graphics.Color)	4284702570 (0xFF635F6A)
YUV	97.4500, 4.2152, 1.3594
Hunter-Lab	34.4640, 1.0076, -2.2039

# Details

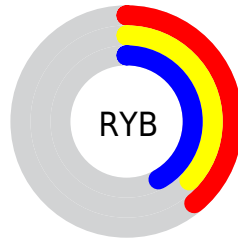
The YUV color **97.4500, 4.2152, 1.3594** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103.5500, -4.2151, -1.3593**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8630, 4.5045, 1.8741**, and **51.0370, 3.9258, 0.8446** is the 20% darker color. If you saturate the color by 10%, you get **88.9000, 8.4303, 2.7187**, and if you desaturate by 10%, it is **106.0000, 0.0000, 0.0000**.

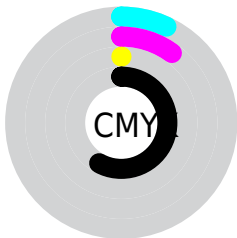
# Distribution



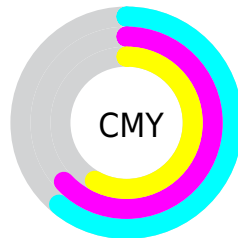
- Red (39%)
- Green (37%)
- Blue (42%)



- Red (39%)
- Yellow (37%)
- Blue (42%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (63%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.4500, 4.2152, 1.3594 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 97.4500, 4.2152, 1.3594 by changing the saturation by 10% instead.



■ 97.4500, 4.2152,  
1.3594

■ 97.4500, 4.2152,  
1.3594

255.0000, 0.0000,  
0.0000

■ 73.4500, 4.2151,  
1.3593

■ 147.8630, 4.5045,  
1.8741

■ 51.0370, 3.9258,  
0.8446

■ 174.5640, 4.6519,  
1.2594

■ 29.9230, 3.4890,  
0.9445

■ 201.9770, 4.9413,  
1.7742

■ 4.5040, 5.6675,  
2.1890

■ 229.9770, 4.9413,  
1.7742

■ 0.0000, 0.0000,  
0.0000

■ 97.4500, 4.2152,

■ 97.4500, 4.2152,

1.3594

■ 88.9000, 8.4303,  
2.7187

■ 81.2360, 12.2087,  
4.1780

■ 72.6860, 16.4238,  
5.5374

■ 64.7230, 20.3496,  
6.3819

■ 56.1730, 24.5647,  
7.7413

■ 47.9220, 28.6325,  
9.7154

■ 39.9590, 32.5582,  
10.5600

■ 31.4090, 36.7734,  
11.9193

1.3594

■ 106.0000, 0.0000,  
0.0000

■ 113.6640, -3.7784,  
-1.4593

■ 122.2140, -7.9935,  
-2.8187

■ 130.1770,  
-11.9193, -3.6632

■ 138.7270,  
-16.1344, -5.0226

■ 146.9780,  
-20.2022, -6.9967

■ 154.9410,  
-24.1279, -7.8413

■ 163.4910,  
-28.3431, -9.2006

■ 23.7450, 40.5517,  
13.3786

■ 171.4540,  
-32.2688, -10.0452

# Harmonies

## Analogous

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



96.7590, 5.5418, -4.1736



97.4500, 4.2152, 1.3594



98.2010, 1.8729, 5.9627

# Triad

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



97.4500, 4.2152, 1.3594



97.3770, -5.1159, 7.5624



94.8740, 1.0481, -9.5365

# Complementary

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



97.4500, 4.2152, 1.3594



103.5500, -4.2151, -1.3593

# 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.



95.5000, -1.7255, -6.5775



97.4500, 4.2152, 1.3594



96.9420, -5.3944, 3.5589

# Square

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



97.4500, 4.2152, 1.3594



97.5560, -3.2321, 10.0364



95.5500, -4.2151, -1.3593



95.2590, 3.8163, -10.7511



# Rectangle

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



97.4500, 4.2152, 1.3594



98.0550, -0.0271, 8.7218



95.5500, -4.2151, -1.3593



94.9450, 0.0271, -8.7218

# Sweetspot

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



97.4500, 4.2152, 1.3594



134.7550, 1.5998, 0.2149



100.3630, 2.7790, -4.7034



66.6410, 1.1630, 0.3148



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.



97.4500, 4.2152, 1.3594



124.7320, 6.5411, 1.9890



98.9450, 3.4781, 4.4332



49.2820, 2.3260, 0.6297



26.1950, 44.7669, 14.7380



54.5410, 93.8963, 30.2205



# Inverse Universe

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



99.0870, 1.4361, 6.0627



127.3370, 2.2989, 9.3515



102.0550, -3.4781, -4.4332



50.2500, 0.8628, 3.2887



43.5330, 15.5132, 64.4306



91.0390, 32.0258, 135.0238



# Previews

## White Background



This preview shows how the YUV color 97.4500, 4.2152, 1.3594 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 97.4500, 4.2152, 1.3594 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 97.4500, 4.2152, 1.3594

## Background



This preview shows how black text looks on a background with the YUV color 97.4500, 4.2152, 1.3594.



This preview shows how white text looks on a background with the YUV color 97.4500, 4.2152,



# 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

97.4500, 4.2152, 1.3594

### Protanopia

97.2540, 4.8048, -1.0998

### Deuteranopia

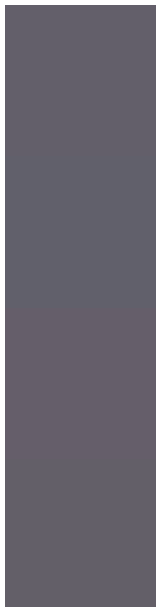
97.7600, 4.0623, 3.7185



## Tritanopia

97.1080, 2.9048, 1.6593

# Trichromacy



## Original Color

97.4500, 4.2152, 1.3594

## Protanomaly

97.5530, 4.6574, -0.4850

## Deuteranomaly

97.4610, 4.2097, 3.1037

## Tritanomaly

97.2220, 3.3416, 1.5593

# Monochromacy



## Original Color

97.4500, 4.2152, 1.3594

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

97.0540, 1.4524, 0.8296

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.4500, 4.2152, 1.3594 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(99, 95, 106)` looks like.

```
.text, #text, p{  
    color:rgb(99, 95, 106)  
}
```

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(99, 95, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 95, 106) }
```

## Border

The CSS property to change the border of an element to YUV 97.4500, 4.2152, 1.3594 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(99, 95, 106) }
```



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

```
.border{ border-color:rgb(99, 95, 106) }
```

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

Here you see how a box with a 4 pixel rgb(99, 95, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 95, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 95, 106);  
box-shadow:4px 4px 4px 4px rgb(99, 95,  
106) }
```

# Background

The CSS property to change the background color of an element to YUV 97.4500, 4.2152, 1.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 95, 106) }
```

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

```
.background{ background-color: rgb(99, 95,  
106) }
```

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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