

# Converting Colors

YUV(94.9630, 16.2872, 2.6634)

Have a look what the booklet for  
YUV(94.9630, 16.2872, 2.6634)  
contains.

<b>YUV(94.9630, 16.2872, 2.6634)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(94.9630, 16.2872,  
2.6634)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	625780
RGB	98, 87, 128
RGB Percent	38%, 34%, 50%
CMY	0.6157, 0.6588, 0.4980
CMYK	0.23, 0.32, 0.00, 0.50
HSL	256°, 19%, 42%
HSV	256°, 32%, 50%
XYZ	12.3415, 10.9716, 21.8893
YIQ	94.9630, -6.6050, 15.0830

# Conversions

## Conversions Part 2

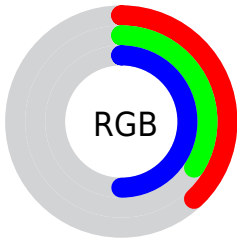
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 87, 128
Decimal	6444928
CIE <sub>Lab</sub>	39.53, 13.83, -21.42
CIE <sub>LCh</sub>	40, 25.491, 302.844
Yxy	10.9716, 0.2730, 0.2427
Android (android.graphics.Color)	4284635008 (0xFF625780)
YUV	94.9630, 16.2872, 2.6634
Hunter-Lab	33.1234, 8.5417, -15.9950

# Details

The YUV color **94.9630, 16.2872, 2.6634** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **120.0370, -16.2872, -2.6634**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6040, 17.4502, 2.9783**, and **48.6100, 14.9823, 1.2190** is the 20% darker color. If you saturate the color by 10%, you get **84.6410, 21.3760, 3.8228**, and if you desaturate by 10%, it is **105.2850, 11.1985, 1.5041**.

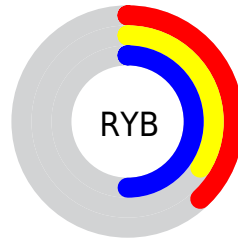
# Distribution



Red (38%)

Green (34%)

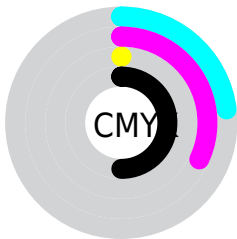
Blue (50%)



Red (38%)

Yellow (34%)

Blue (50%)

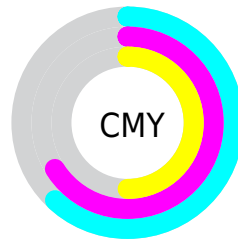


Cyan (23%)

Magenta (32%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (66%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.9630, 16.2872, 2.6634 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 94.9630, 16.2872, 2.6634 by changing the saturation by 10% instead.



■ 94.9630, 16.2872,  
2.6634

■ 94.9630, 16.2872,  
2.6634

■ 255.0000, 0.0000,  
0.0000

■ 71.4360, 15.5611,  
2.2486

■ 145.6040, 17.4502,  
2.9783

■ 48.6100, 14.9823,  
1.2190

■ 172.1310, 18.1764,  
3.3931

■ 27.0830, 14.2561,  
0.8042

■ 199.5440, 18.4658,  
3.9079

■ 5.6700, 13.9667,  
0.2894

■ 226.4040, 14.0978,  
4.9077

■ 0.9120, 3.4944,  
-0.7998

■ 250.3040, 2.3151,  
4.1184

■ 0.0000, 0.0000,  
0.0000

■ 94.9630, 16.2872,  
2.6634

■ 94.9630, 16.2872,  
2.6634

■ 84.6410, 21.3760,  
3.8228

■ 105.2850, 11.1985,  
1.5041

■ 74.0200, 26.6121,  
4.3675

■ 115.9060, 5.9623,  
0.9594

■ 64.2850, 31.4115,  
5.0121

■ 125.6410, 1.1630,  
0.3148

■ 53.9630, 36.5002,  
6.1714

■ 135.9630, -3.9258,  
-0.8446

■ 43.3420, 41.7364,  
6.7161

■ 146.5840, -9.1619,  
-1.3892

■ 33.0200, 46.8251,  
7.8755

■ 156.9060,  
-14.2507, -2.5486

■ 24.7580, 50.8983,  
8.1052

■ 167.5270,  
-19.4868, -3.0932

■ 177.2620,

-24.2862, -3.7378

 187.5840,  
-29.3749, -4.8972

# Harmonies

## Analogous

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



90.7750, 21.3099, -21.7277



94.9630, 16.2872, 2.6634



95.9070, 7.9338, 22.0066

# Triad

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



94.9630, 16.2872, 2.6634



92.8710, -17.6844, 25.5461



79.5380, 7.1298, -46.9528

# Complementary

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



94.9630, 16.2872, 2.6634



120.0370, -16.2872, -2.6634

# 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.



85.5380, -6.1812, -24.1508



94.9630, 16.2872, 2.6634



91.8000, -20.1144, 11.5764

# Square

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



94.9630, 16.2872, 2.6634



94.0490, -10.8702, 33.2830



89.4280, -15.9870, -5.6374



73.5710, 20.4245, -64.5218



# Rectangle

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



94.9630, 16.2872, 2.6634



95.3550, 1.7970, 30.3837



89.4280, -15.9870, -5.6374



82.3280, 2.3033, -38.8757

# Sweetspot

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



94.9630, 16.2872, 2.6634



152.4330, 6.6885, 1.3743



109.2840, 9.2270, -19.5431



76.0370, 3.9258, 0.8446



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



94.9630, 16.2872, 2.6634



115.2650, 25.0124, 4.1526



100.9430, 13.3391, 14.9590



58.3960, 2.7628, 0.5297



24.7580, 50.8983, 8.1052



0.0000, 0.0000, 0.0000



# Inverse Universe

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



102.6790, 7.0603, 22.2065



127.0810, 10.8061, 34.1320



114.0570, -13.3391, -14.9590



59.6630, 1.1521, 3.8035



48.8740, 21.7541, 69.3935



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 94.9630, 16.2872, 2.6634 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 94.9630, 16.2872, 2.6634 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

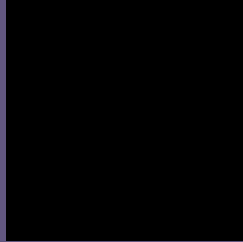
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 94.9630, 16.2872, 2.6634

## Background



This preview shows how black text looks on a background with the YUV color 94.9630, 16.2872, 2.6634.



This preview shows how white text looks on a background with the YUV color 94.9630, 16.2872,

2.6634.

# 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

94.9630, 16.2872, 2.6634

### Protanopia

93.2710, 19.0934, -10.7617

### Deuteranopia

93.2990, 16.6146, -9.0322



## Tritanopia

93.7980, 3.0576, -0.6998

# Trichromacy



## Original Color

94.9630, 16.2872, 2.6634

## Protanomaly

93.7770, 18.3509, -5.9434

## Deuteranomaly

93.6200, 16.4563, -4.9287

## Tritanomaly

94.3620, 7.7095, 0.5595

# Monochromacy



## Original Color

94.9630, 16.2872, 2.6634

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

94.9060, 5.9623, 0.9594

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.9630, 16.2872, 2.6634 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(98, 87, 128)` looks like.

```
.text, #text, p{  
    color:rgb(98, 87, 128)  
}
```

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(98, 87, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 87, 128) }
```

## Border

The CSS property to change the border of an element to YUV 94.9630, 16.2872, 2.6634 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(98, 87, 128) }
```



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

```
.border{ border-color:rgb(98, 87, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 87, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 87, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 87, 128);  
box-shadow:4px 4px 4px 4px rgb(98, 87,  
128) }
```

# Background

The CSS property to change the background color of an element to YUV 94.9630, 16.2872, 2.6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 87, 128) }
```

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

```
.background{ background-color: rgb(98, 87,  
128) }
```

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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