

# Converting Colors

YUV(99.4880, 6.6614, 10.0960)

Have a look what the booklet for  
YUV(99.4880, 6.6614, 10.0960)  
contains.

<b>YUV(99.4880, 6.6614, 10.0960)</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(99.4880, 6.6614,  
10.0960)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F5B71
RGB	111, 91, 113
RGB Percent	44%, 36%, 44%
CMY	0.5647, 0.6431, 0.5569
CMYK	0.02, 0.19, 0.00, 0.56
HSL	295°, 11%, 40%
HSV	295°, 19%, 44%
XYZ	13.2773, 12.0539, 17.2496
YIQ	99.4880, 4.8580, 11.0820

# Conversions

## Conversions Part 2

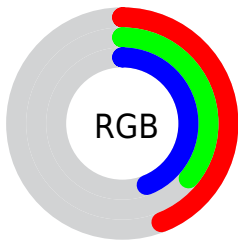
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 91, 113
Decimal	7297905
CIE Lab	41.30, 12.44, -9.42
CIE LCh	41, 15.609, 322.866
Yxy	12.0539, 0.3118, 0.2831
Android (android.graphics.Color)	4285487985 (0xFF6F5B71)
YUV	99.4880, 6.6614, 10.0960
Hunter-Lab	34.7188, 7.5047, -5.1544

# Details

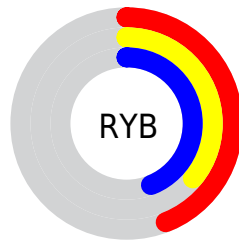
The YUV color **99.4880, 6.6614, 10.0960** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.5120, -6.6614, -10.0960**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3140, 7.2402, 11.1256**, and **52.6620, 6.0826, 9.0664** is the 20% darker color. If you saturate the color by 10%, you get **92.7320, 9.9921, 15.1440**, and if you desaturate by 10%, it is **106.2440, 3.3307, 5.0480**.

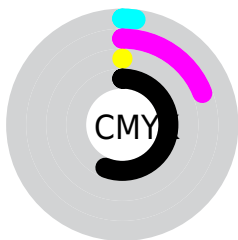
# Distribution



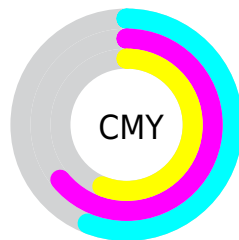
- Red (44%)
- Green (36%)
- Blue (44%)



- Red (44%)
- Yellow (36%)
- Blue (44%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (64%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.4880, 6.6614, 10.0960 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 99.4880, 6.6614, 10.0960 by changing the saturation by 10% instead.



■ 99.4880, 6.6614,  
10.0960

■ 99.4880, 6.6614,  
10.0960

■ 255.0000, 0.0000,  
0.0000

■ 75.1890, 6.8088,  
9.4812

■ 150.3140, 7.2402,  
11.1256

■ 52.6620, 6.0826,  
9.0664

■ 177.3140, 7.2402,  
11.1256

■ 31.2490, 5.7932,  
8.5516

■ 204.7270, 7.5296,  
11.6404

■ 9.2000, 6.8034,  
11.2256

■ 232.7270, 7.5296,  
11.6404

■ 0.0000, 0.0000,  
0.0000

■ 252.6520, 1.1576,  
2.0592

■ 99.4880, 6.6614,  
10.0960

■ 99.4880, 6.6614,  
10.0960

■ 92.7320, 9.9921,  
15.1440

■ 106.2440, 3.3307,  
5.0480

■ 85.3890, 13.6122,  
20.7068

■ 113.5870, -0.2894,  
-0.5148

■ 78.6330, 16.9429,  
25.7549

■ 120.3430, -3.6201,  
-5.5628

■ 71.8770, 20.2736,  
30.8029

■ 127.0990, -6.9508,  
-10.6108

■ 65.1210, 23.6043,  
35.8509

■ 134.4420,  
-10.5709, -16.1736

■ 57.7780, 27.2244,  
41.4137

■ 141.1980,  
-13.9016, -21.2216

■ 51.0220, 30.5552,  
46.4617

■ 147.9540,  
-17.2323, -26.2697

■ 44.2660, 33.8859,

■ 154.7100,

51.5097

-20.5630, -31.3177

■ 43.6790, 34.1753,  
52.0245

■ 162.0530,  
-24.1831, -36.8805

# Harmonies

## Analogous

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



97.9640, 11.3567, -2.5994



99.4880, 6.6614, 10.0960



99.3490, 0.8139, 18.9879

# Triad

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



99.4880, 6.6614, 10.0960



97.4500, -12.5468, 11.0064



92.0720, 7.3595, -27.2501

# Complementary

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



99.4880, 6.6614, 10.0960



104.5120, -6.6614, -10.0960

# 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.



92.3950, 0.7913, -20.5174



99.4880, 6.6614, 10.0960



96.1390, -10.9145, 0.7551

# Square

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



99.4880, 6.6614, 10.0960



98.0750, -10.3900, 19.2282



94.3270, -6.0772, -10.8108



92.9350, 11.8640, -25.3760



# Rectangle

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



99.4880, 6.6614, 10.0960



99.2200, -3.5595, 21.7321



94.3270, -6.0772, -10.8108



91.9150, 5.4649, -26.2355

# Sweetspot

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



99.4880, 6.6614, 10.0960



142.4180, 2.7519, 4.0184



94.6820, 9.0308, -3.2291



70.7660, 1.5944, 1.9592



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



99.4880, 6.6614, 10.0960



127.1450, 10.2815, 15.6588



99.0600, 2.4354, 12.2254



52.4780, 1.7363, 3.0888



46.2710, 36.3484, 55.0133



95.4330, 74.7225, 113.6303



# Inverse Universe

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



97.8060, -2.3694, 13.3251



124.5080, -3.7014, 20.6025



104.9400, -2.4354, -12.2254



51.9080, -0.4476, 3.5887



37.1340, -12.8841, 72.6735



76.3610, -26.8000, 149.6504



# Previews

## White Background



This preview shows how the YUV color 99.4880, 6.6614, 10.0960 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 99.4880, 6.6614, 10.0960 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 99.4880, 6.6614, 10.0960**

## **Background**



This preview shows how black text looks on a background with the YUV color 99.4880, 6.6614, 10.0960.



This preview shows how white text looks on a background with the YUV color 99.4880, 6.6614,



# 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

99.4880, 6.6614, 10.0960

### Protanopia

98.0840, 9.3256, -4.4587

### Deuteranopia

98.4330, 6.6885, 1.3743



## Tritanopia

98.5820, 0.6991, 9.1366

# Trichromacy



## Original Color

99.4880, 6.6614, 10.0960

## Protanomaly

98.8890, 8.4357, 0.9743

## Deuteranomaly

99.0420, 6.3883, 4.3482

## Tritanomaly

98.8640, 3.0250, 9.7663

# Monochromacy



## Original Color

99.4880, 6.6614, 10.0960

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

99.0050, 2.4625, 3.5036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.4880, 6.6614, 10.0960 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(111, 91, 113)` looks like.

```
.text, #text, p{  
    color:rgb(111, 91, 113)  
}
```

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(111, 91, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 91, 113) }
```

## Border

The CSS property to change the border of an element to YUV 99.4880, 6.6614, 10.0960 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(111, 91, 113) }
```



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

```
.border{ border-color:rgb(111, 91, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 91, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 91, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 91, 113);  
box-shadow:4px 4px 4px 4px rgb(111, 91,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 99.4880, 6.6614, 10.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 91, 113) }
```

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

```
.background{ background-color: rgb(111, 91,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor