

# Converting Colors

YUV(106.3980, 16.5658, 6.6670)

Have a look what the booklet for  
YUV(106.3980, 16.5658, 6.6670)  
contains.

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# Color

**YUV(106.3980, 16.5658,  
6.6670)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72608C
RGB	114, 96, 140
RGB Percent	45%, 38%, 55%
CMY	0.5529, 0.6235, 0.4510
CMYK	0.19, 0.31, 0.00, 0.45
HSL	265°, 19%, 46%
HSV	265°, 31%, 55%
XYZ	15.8559, 13.8366, 26.6460
YIQ	106.3980, -3.3960, 17.5000

# Conversions

## Conversions Part 2

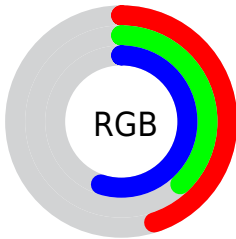
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 96, 140
Decimal	7495820
CIE <sub>Lab</sub>	44.00, 16.64, -21.65
CIE <sub>LCh</sub>	44, 27.307, 307.532
Yxy	13.8366, 0.2814, 0.2456
Android (android.graphics.Color)	4285685900 (0xFF72608C)
YUV	106.3980, 16.5658, 6.6670
Hunter-Lab	37.1976, 10.9921, -16.4333

# Details

The YUV color **106.3980, 16.5658, 6.6670** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129.6020, -16.5658, -6.6670**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0390, 17.7288, 6.9818**, and **59.0450, 15.2608, 5.2225** is the 20% darker color. If you saturate the color by 10%, you get **95.7880, 21.7965, 8.9559**, and if you desaturate by 10%, it is **117.0080, 11.3351, 4.3780**.

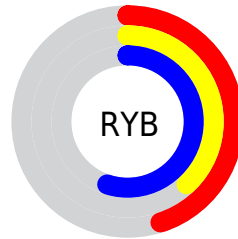
# Distribution



Red (45%)

Green (38%)

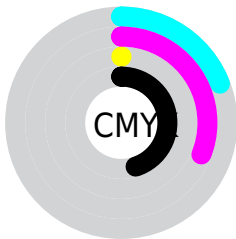
Blue (55%)



Red (45%)

Yellow (38%)

Blue (55%)

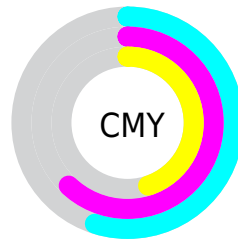


Cyan (19%)

Magenta (31%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (62%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.3980, 16.5658, 6.6670 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 106.3980, 16.5658, 6.6670 by changing the saturation by 10% instead.



■ 106.3980, 16.5658,  
6.6670

■ 106.3980, 16.5658,  
6.6670

■ 255.0000, 0.0000,  
0.0000

■ 81.8710, 15.8396,  
6.2521

■ 158.0390, 17.7288,  
6.9818

■ 59.0450, 15.2608,  
5.2225

■ 184.8650, 18.3076,  
8.0114

■ 36.5180, 14.5346,  
4.8077

■ 212.8650, 18.3076,  
8.0114

■ 13.9420, 14.8186,  
7.0669

■ 238.5420, 8.1138,  
10.9257

■ 3.2090, 9.7570,  
-2.8143

■ 0.0000, 0.0000,  
0.0000

■ 106.3980, 16.5658,  
6.6670

■ 106.3980, 16.5658,  
6.6670

■ 95.7880, 21.7965,  
8.9559

■ 117.0080, 11.3351,  
4.3780

■ 84.8790, 27.1747,  
10.6301

■ 127.9170, 5.9569,  
2.7038

■ 74.2690, 32.4054,  
12.9191

■ 138.5270, 0.7262,  
0.4148

■ 63.6590, 37.6361,  
15.2081

■ 149.1370, -4.5045,  
-1.8741

■ 53.0490, 42.8668,  
17.4970

■ 159.7470, -9.7353,  
-4.1631

■ 42.1400, 48.2450,  
19.1712


■ 170.6560,  
-15.1134, -5.8373

■ 33.0030, 52.7495,  
21.0454

■ 181.2660,  
-20.3441, -8.1263

■ 191.8760,

-25.5749, -10.4153

 202.4860,  
-30.8056, -12.7042

# Harmonies

## Analogous

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



101.9540, 23.1937, -19.2537



106.3980, 16.5658, 6.6670



107.1140, 7.3388, 26.2100

# Triad

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



106.3980, 16.5658, 6.6670



103.7740, -20.5946, 25.6312



87.9930, 10.3565, -55.2449

# Complementary

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



106.3980, 16.5658, 6.6670



129.6020, -16.5658, -6.6670

# 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.



95.2490, -4.5598, -30.9134



106.3980, 16.5658, 6.6670



102.0340, -21.7088, 9.6172

# Square

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



106.3980, 16.5658, 6.6670



104.7890, -13.2070, 36.1420



99.4060, -15.9762, -9.1261



82.4390, 23.9406, -72.2990



# Rectangle

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



106.3980, 16.5658, 6.6670



106.3340, 0.3283, 34.7871



99.4060, -15.9762, -9.1261



90.9680, 4.9458, -46.4529

# Sweetspot

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



106.3980, 16.5658, 6.6670



168.6180, 6.1043, 2.0890



116.2780, 11.6949, -17.7838



84.3360, 3.7784, 1.4593



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



106.3980, 16.5658, 6.6670



128.2380, 26.0117, 10.3153



112.9760, 13.3228, 20.1920



63.6950, 2.6154, 1.1445



31.3080, 50.1342, 19.9009



1.1680, 1.8892, 0.7297



# Inverse Universe

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



112.1200, 4.8708, 24.4508



137.3050, 7.7376, 38.3205



123.0240, -13.3228, -20.1920



64.5490, 0.7153, 3.9035



48.6590, 14.4651, 73.9671

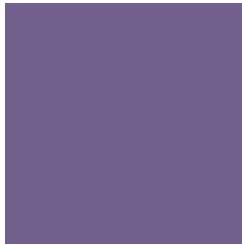


1.8370, 0.5734, 2.7740



# Previews

## White Background



This preview shows how the YUV color 106.3980, 16.5658, 6.6670 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

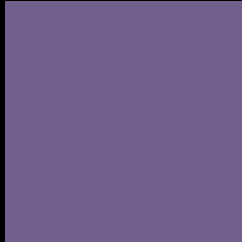
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 106.3980, 16.5658, 6.6670 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 106.3980, 16.5658, 6.6670

## Background



This preview shows how black text looks on a background with the YUV color 106.3980, 16.5658, 6.6670.



This preview shows how white text looks on a background with the YUV color 106.3980, 16.5658,



# 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

106.3980, 16.5658, 6.6670

### Protanopia

104.2000, 20.1144, -11.5764

### Deuteranopia

104.7120, 16.9040, -8.5174



## Tritanopia

105.0050, 2.4625, 3.5036

# Trichromacy



## Original Color

106.3980, 16.5658, 6.6670

## Protanomaly

104.6030, 18.9297, -4.9138

## Deuteranomaly

105.0440, 16.7403, -2.6696

## Tritanomaly

105.6830, 7.5513, 4.6630

# Monochromacy



## Original Color

106.3980, 16.5658, 6.6670

## Achromatopsia

106.0000, 0.0000, 0.0000

## Achromatomaly

105.9170, 5.9569, 2.7038

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.3980, 16.5658, 6.6670 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(114, 96, 140)` looks like.

```
.text, #text, p{  
    color:rgb(114, 96, 140)  
}
```

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(114, 96, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 96, 140) }
```

## Border

The CSS property to change the border of an element to YUV 106.3980, 16.5658, 6.6670 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(114, 96, 140) }
```



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

```
.border{ border-color:rgb(114, 96, 140) }
```

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

Here you see how a box with a 4 pixel rgb(114, 96, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 96, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 96, 140);  
box-shadow:4px 4px 4px 4px rgb(114, 96,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 106.3980, 16.5658, 6.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 96, 140) }
```

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

```
.background{ background-color: rgb(114, 96,  
140) }
```

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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