

# Converting Colors

YUV(106.6030, 2.1677, 4.7332)

Have a look what the booklet for  
YUV(106.6030, 2.1677, 4.7332)  
contains.

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# Color

**YUV(106.6030, 2.1677,  
4.7332)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70676F
RGB	112, 103, 111
RGB Percent	44%, 40%, 44%
CMY	0.5608, 0.5961, 0.5647
CMYK	0.00, 0.08, 0.01, 0.56
HSL	307°, 4%, 42%
HSV	307°, 8%, 44%
XYZ	14.4016, 14.2929, 17.0387
YIQ	106.6030, 2.7960, 4.3960

# Conversions

## Conversions Part 2

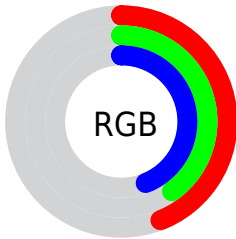
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 103, 111
Decimal	7366511
CIE Lab	44.65, 5.14, -3.21
CIE LCh	45, 6.055, 328.022
Yxy	14.2929, 0.3149, 0.3125
Android (android.graphics.Color)	4285556591 (0xFF70676F)
YUV	106.6030, 2.1677, 4.7332
Hunter-Lab	37.8060, 1.8362, -0.2571

# Details

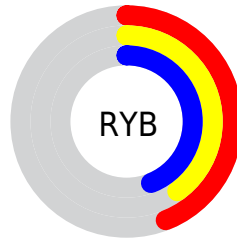
The YUV color **106.6030, 2.1677, 4.7332** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108.3970, -2.1677, -4.7332**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0160, 2.4571, 5.2480**, and **59.1900, 1.8783, 4.2184** is the 20% darker color. If you saturate the color by 10%, you get **100.0320, 4.9142, 10.4959**, and if you desaturate by 10%, it is **113.1740, -0.5788, -1.0296**.

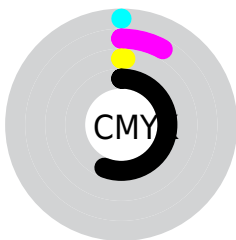
# Distribution



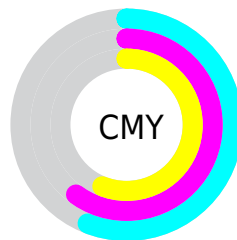
- Red (44%)
- Green (40%)
- Blue (44%)



- Red (44%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (56%)



- Cyan (56%)
- Magenta (60%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.6030, 2.1677, 4.7332 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 106.6030, 2.1677, 4.7332 by changing the saturation by 10% instead.



■ 106.6030, 2.1677,  
4.7332

■ 106.6030, 2.1677,  
4.7332

255.0000, 0.0000,  
0.0000

■ 82.6030, 2.1677,  
4.7332

■ 158.0160, 2.4571,  
5.2480

■ 59.1900, 1.8783,  
4.2184

■ 185.0160, 2.4571,  
5.2480

■ 37.8910, 2.0257,  
3.6036

■ 212.3150, 2.3097,  
5.8627

■ 16.6030, 2.1677,  
4.7332

■ 241.0160, 2.4571,  
5.2480

■ 0.0000, 0.0000,  
0.0000

■ 106.6030, 2.1677,

■ 106.6030, 2.1677,

4.7332

100.0320, 4.9142,  
10.4959

93.4610, 7.6607,  
16.2587

86.1890, 10.2598,  
22.6362

79.6180, 13.0063,  
28.3990

73.0470, 15.7528,  
34.1618

66.4760, 18.4993,  
39.9245

59.7910, 20.8090,  
45.7873

52.6330, 23.8449,  
52.0649

4.7332

113.1740, -0.5788,  
-1.0296

119.7450, -3.3253,  
-6.7924

127.0170, -5.9244,  
-13.1699

133.5880, -8.6709,  
-18.9327

140.1590,  
-11.4174, -24.6954

146.7300,  
-14.1639, -30.4582

153.4150,  
-16.4736, -36.3210

160.5730,  
-19.5095, -42.5985

■ 46.0620, 26.5914,  
57.8276

■ 167.1440,  
-22.2560, -48.3613

# Harmonies

## Analogous

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



105.7380, 4.0732, 0.2298



106.6030, 2.1677, 4.7332



106.6420, -0.3165, 8.2070

# Triad

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



106.6030, 2.1677, 4.7332



105.4690, -4.6682, 3.9737



103.7430, 3.0847, -9.4216

# Complementary

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



106.6030, 2.1677, 4.7332



108.3970, -2.1677, -4.7332

# 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.



104.3580, 0.3165, -8.2070



106.6030, 2.1677, 4.7332



105.2620, -4.0732, -0.2298

# Square

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



106.6030, 2.1677, 4.7332



106.4910, -4.6791, 7.4624



104.3970, -2.1677, -4.7332



104.7970, 4.5371, -8.5920



# Rectangle

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



106.6030, 2.1677, 4.7332



106.5990, -1.7743, 9.1217



104.3970, -2.1677, -4.7332



104.1020, 1.9217, -9.7365

# Sweetspot

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



106.6030, 2.1677, 4.7332



143.2390, 0.8682, 1.5444



104.3250, 3.7838, -0.2850



72.8260, 0.5788, 1.0296



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.



106.6030, 2.1677, 4.7332



136.6680, 3.6147, 7.3072



106.1470, 0.4205, 5.1331



52.3640, 1.2995, 3.1888



48.0780, 29.0485, 63.0756



98.9330, 59.6860, 129.8548



# Inverse Universe

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



106.6030, 2.1677, 4.7332



136.6680, 3.6147, 7.3072



108.8530, -0.4205, -5.1331



52.3640, 1.2995, 3.1888



48.0780, 29.0485, 63.0756



98.9330, 59.6860, 129.8548



# Previews

## White Background



This preview shows how the YUV color 106.6030, 2.1677, 4.7332 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 106.6030, 2.1677, 4.7332 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 106.6030, 2.1677, 4.7332

## Background



This preview shows how black text looks on a background with the YUV color 106.6030, 2.1677, 4.7332.



This preview shows how white text looks on a background with the YUV color 106.6030, 2.1677,

4.7332.

# 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

106.6030, 2.1677, 4.7332

### Protanopia

106.0970, 2.9102, -0.0851

### Deuteranopia

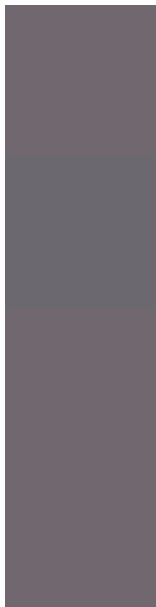
106.9020, 2.0203, 5.3479



## Tritanopia

106.6030, 2.1677, 4.7332

# Trichromacy



## Original Color

106.6030, 2.1677, 4.7332

## Protanomaly

106.1080, 2.9048, 1.6593

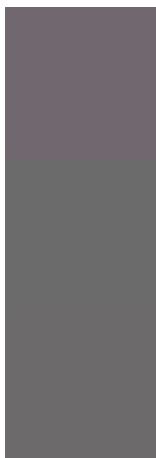
## Deuteranomaly

106.9020, 2.0203, 5.3479

## Tritanomaly

106.6030, 2.1677, 4.7332

# Monochromacy



## Original Color

106.6030, 2.1677, 4.7332

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

107.1250, 0.4314, 1.6444

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.6030, 2.1677, 4.7332 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(112, 103, 111)` looks like.

```
.text, #text, p{  
    color:rgb(112, 103, 111)  
}
```

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(112, 103, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 103, 111) }
```

## Border

The CSS property to change the border of an element to YUV 106.6030, 2.1677, 4.7332 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(112, 103, 111) }
```



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

```
.border{ border-color:rgb(112, 103, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 103, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 103, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 103, 111);  
box-shadow:4px 4px 4px 4px rgb(112, 103,  
111) }
```

# Background

The CSS property to change the background color of an element to YUV 106.6030, 2.1677, 4.7332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 103, 111) }
```

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

```
.background{ background-color: rgb(112,  
103, 111) }
```

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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