

Converting Colors

YUV(106.6800, -1.3212, 3.7886)

Have a look what the booklet for
YUV(106.6800, -1.3212, 3.7886)
contains.

YUV(106.6800, -1.3212, 3.7886)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(106.6800, -1.3212,
3.7886)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6968
RGB	111, 105, 104
RGB Percent	44%, 41%, 41%
CMY	0.5647, 0.5882, 0.5922
CMYK	0.00, 0.05, 0.06, 0.56
HSL	9°, 3%, 42%
HSV	9°, 6%, 44%
XYZ	14.1058, 14.4821, 15.1486
YIQ	106.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

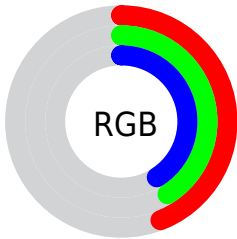
Format	Color
R _Y B	111, 105, 104
Decimal	7301480
CIE Lab	44.92, 2.15, 1.39
CIE LCh	45, 2.563, 32.971
Yxy	14.4821, 0.3225, 0.3311
Android (android.graphics.Color)	4285491560 (0xFF6F6968)
YUV	106.6800, -1.3212, 3.7886
Hunter-Lab	38.0554, -0.4332, 3.0374

Details

The YUV color **106.6800, -1.3212, 3.7886** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108.3200, 1.3212, -3.7886**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9790, -1.4686, 4.4034**, and **59.3810, -1.1738, 3.1739** is the 20% darker color. If you saturate the color by 10%, you get **99.5560, -3.2321, 10.0364**, and if you desaturate by 10%, it is **113.8040, 0.5896, -2.4591**.

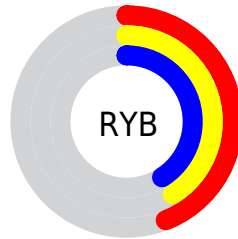
Distribution



Red (44%)

Green (41%)

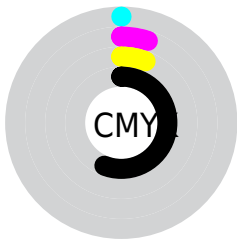
Blue (41%)



Red (44%)

Yellow (41%)

Blue (41%)

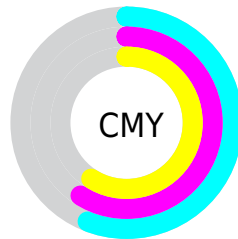


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (56%)



Cyan (56%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6800, -1.3212, 3.7886 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 106.6800, -1.3212, 3.7886 by changing the saturation by 10% instead.

■ 106.6800, -1.3212,
3.7886

■ 106.6800, -1.3212,
3.7886

255.0000, 0.0000,
0.0000

■ 82.6800, -1.3212,
3.7886

■ 157.9790, -1.4686,
4.4034

■ 59.3810, -1.1738,
3.1739

■ 184.9790, -1.4686,
4.4034

■ 37.4950, -0.7370,
3.0739

■ 212.5660, -1.7580,
3.8886

■ 16.6800, -1.3212,
3.7886

■ 240.9790, -1.4686,
4.4034

■ 0.0000, 0.0000,
0.0000

■ 106.6800, -1.3212,

■ 106.6800, -1.3212,

3.7886

3.7886

■ 99.5560, -3.2321,
10.0364

■ 113.8040, 0.5896,
-2.4591

■ 93.0190, -5.4324,
15.7693

■ 120.3410, 2.7899,
-8.1921

■ 85.8950, -7.3432,
22.0171

■ 127.4650, 4.7008,
-14.4398

■ 79.3580, -9.5435,
27.7500

■ 134.0020, 6.9010,
-20.1728

■ 72.2340, -11.4544,
33.9978

■ 141.2400, 9.2487,
-26.5205

■ 65.5830, -14.0914,
39.8307

■ 147.7770, 11.4489,
-32.2534

■ 58.4590, -16.0023,
46.0785

■ 154.9010, 13.3598,
-38.5012

■ 51.9220, -18.2025,
51.8114

■ 161.4380, 15.5601,
-44.2341

■ 44.7980, -20.1134,
58.0592

■ 168.5620, 17.4709,
-50.4819

Harmonies

Analogous

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



106.9080, -0.4476, 3.5887



106.6800, -1.3212, 3.7886



106.2670, -1.6106, 3.2738

Triad

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



106.6800, -1.3212, 3.7886



105.4620, -0.7208, -2.1592



105.8580, 2.0420, -1.6295

Complementary

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



106.6800, -1.3212, 3.7886



108.3200, 1.3212, -3.7886

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.



105.8470, 2.0474, -3.3738



106.6800, -1.3212, 3.7886



105.9780, 0.0108, -3.4887

Square

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



106.6800, -1.3212, 3.7886



105.9460, -1.4524, -0.8296



105.3200, 1.3212, -3.7886



106.7550, 1.5998, 0.2149

Rectangle

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



106.6800, -1.3212, 3.7886



106.4410, -2.1894, 2.2442



105.3200, 1.3212, -3.7886



106.4450, 1.7526, -2.1443

Sweetspot

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



106.6800, -1.3212, 3.7886



143.4840, -0.7316, 1.3295



106.7770, 1.5889, 3.7036



73.1850, -0.5842, 0.7148



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.



106.6800, -1.3212, 3.7886



137.8760, -1.9109, 6.2477



108.4410, -2.1894, 2.2442



52.3810, -1.1738, 3.1739



45.8590, -22.6085, 65.0217



94.3980, -46.5382, 133.8320

Inverse Universe

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



108.3200, 1.3212, -3.7886



141.1240, 1.9109, -6.2477



106.5590, 2.1894, -2.2442



53.6190, 1.1738, -3.1739



74.1410, 22.6085, -65.0217



152.6020, 46.5382, -133.8320

Previews

White Background



This preview shows how the YUV color 106.6800, -1.3212, 3.7886 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 106.6800, -1.3212, 3.7886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

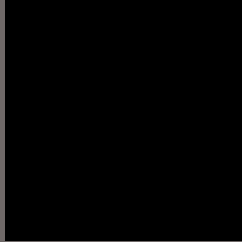
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.6800, -1.3212, 3.7886

Background



This preview shows how black text looks on a background with the YUV color 106.6800, -1.3212, 3.7886.



This preview shows how white text looks on a background with the YUV color 106.6800, -1.3212,

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

106.6800, -1.3212, 3.7886

Protanopia

106.6690, -1.3158, 2.0443

Deuteranopia

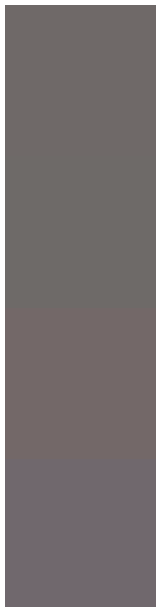
107.3000, -1.6269, 8.5069



Tritanopia

107.3040, 2.3151, 4.1184

Trichromacy



Original Color

106.6800, -1.3212, 3.7886

Protanomaly

106.9680, -1.4632, 2.6591

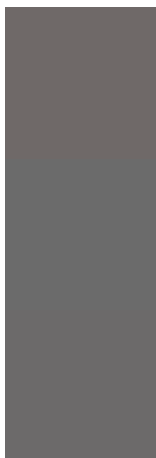
Deuteranomaly

107.2890, -1.6215, 6.7625

Tritanomaly

106.9620, 1.0047, 4.4183

Monochromacy



Original Color

106.6800, -1.3212, 3.7886

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.5980, -0.2948, 1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6800, -1.3212, 3.7886 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, 105, 104)` looks like.

```
.text, #text, p{  
    color:rgb(111, 105, 104)  
}
```

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, 105, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 105, 104) }
```

Border

The CSS property to change the border of an element to YUV 106.6800, -1.3212, 3.7886 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, 105, 104) }
```


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

```
.border{ border-color:rgb(111, 105, 104) }
```

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

Here you see how a box with a 4 pixel rgb(111, 105, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 105, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 105, 104);  
box-shadow:4px 4px 4px 4px rgb(111, 105,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 106.6800, -1.3212, 3.7886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 105, 104) }
```

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

```
.background{ background-color: rgb(111,  
105, 104) }
```

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