

Converting Colors

YUV(106.8740, 4.4991, 3.6185)

Have a look what the booklet for
YUV(106.8740, 4.4991, 3.6185)
contains.

YUV(106.8740, 4.4991, 3.6185)	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(106.8740, 4.4991,
3.6185)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6774
RGB	111, 103, 116
RGB Percent	44%, 40%, 45%
CMY	0.5647, 0.5961, 0.5451
CMYK	0.04, 0.11, 0.00, 0.55
HSL	277°, 6%, 43%
HSV	277°, 11%, 45%
XYZ	14.5582, 14.3410, 18.5238
YIQ	106.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

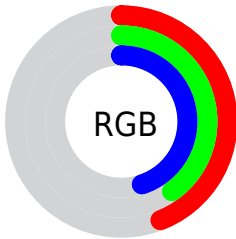
Format	Color
R_{YB}	111, 103, 116
Decimal	7300980
CIE Lab	44.72, 5.81, -6.13
CIE LCh	45, 8.447, 313.428
Yxy	14.3410, 0.3070, 0.3024
Android (android.graphics.Color)	4285491060 (0xFF6F6774)
YUV	106.8740, 4.4991, 3.6185
Hunter-Lab	37.8695, 2.3493, -2.4930

Details

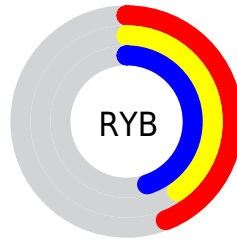
The YUV color **106.8740, 4.4991, 3.6185** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.1260, -4.4991, -3.6185**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2870, 4.7885, 4.1333**, and **59.4610, 4.2097, 3.1037** is the 20% darker color. If you saturate the color by 10%, you get **98.6340, 8.5614, 7.3370**, and if you desaturate by 10%, it is **115.1140, 0.4368, -0.1000**.

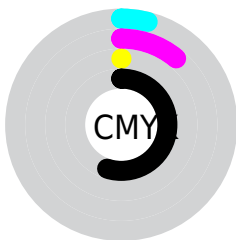
Distribution



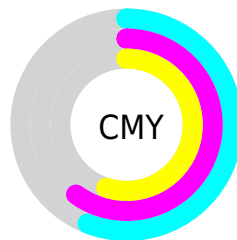
- Red (44%)
- Green (40%)
- Blue (45%)



- Red (44%)
- Yellow (40%)
- Blue (45%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (55%)



- Cyan (56%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.8740, 4.4991, 3.6185 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 106.8740, 4.4991, 3.6185 by changing the saturation by 10% instead.

■ 106.8740, 4.4991,
3.6185

■ 106.8740, 4.4991,
3.6185

255.0000, 0.0000,
0.0000

■ 82.7600, 4.0623,
3.7185

■ 158.2870, 4.7885,
4.1333

■ 59.4610, 4.2097,
3.1037

■ 185.2870, 4.7885,
4.1333

■ 38.0480, 3.9203,
2.5889

■ 212.7000, 5.0779,
4.6481

■ 16.7600, 4.0623,
3.7185

■ 241.4010, 5.2253,
4.0333

■ 0.0000, 0.0000,
0.0000

■ 106.8740, 4.4991,

■ 106.8740, 4.4991,

3.6185

■ 98.6340, 8.5614,
7.3370

■ 90.6820, 12.4818,
9.9259

■ 82.4420, 16.5441,
13.6444

■ 74.4900, 20.4644,
16.2333

■ 66.2500, 24.5267,
19.9518

■ 57.7110, 28.7365,
23.0555

■ 50.0580, 32.5094,
26.2591

■ 41.5190, 36.7191,
29.3628

3.6185

■ 115.1140, 0.4368,
-0.1000

■ 123.0660, -3.4835,
-2.6889

■ 131.3060, -7.5459,
-6.4074

■ 139.2580,
-11.4662, -8.9963

■ 147.4980,
-15.5285, -12.7147

■ 156.0370,
-19.7382, -15.8184

■ 163.6900,
-23.5112, -19.0221

■ 172.2290,
-27.7209, -22.1258

■ 34.4530, 40.2027,
32.0517

■ 179.8820,
-31.4938, -25.3295

Harmonies

Analogous

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



105.6990, 6.5574, -3.2440



106.8740, 4.4991, 3.6185



107.1090, 1.4253, 9.5514

Triad

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



106.8740, 4.4991, 3.6185



105.9210, -6.8631, 7.9623



103.3080, 2.8062, -13.4251

Complementary

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



106.8740, 4.4991, 3.6185



112.1260, -4.4991, -3.6185

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.



104.0050, -0.9885, -9.6514



106.8740, 4.4991, 3.6185



105.0020, -6.4100, 2.6292

Square

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



106.8740, 4.4991, 3.6185



106.6980, -5.2741, 11.6659



104.1260, -4.4991, -3.6185



103.7040, 5.5689, -12.8954

Rectangle

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



106.8740, 4.4991, 3.6185



107.1370, -1.0535, 11.2809



104.1260, -4.4991, -3.6185



103.2650, 1.3484, -12.5104

Sweetspot

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



106.8740, 4.4991, 3.6185



147.3530, 1.3050, 1.4444



107.4170, 4.2314, -3.8737



74.0540, 1.4524, 0.8296



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



106.8740, 4.4991, 3.6185



136.7540, 6.5303, 5.4777



108.2550, 3.3253, 6.7924



54.5810, 2.1786, 1.2445



36.3330, 42.2338, 33.9110



74.5460, 86.4988, 69.6812

Inverse Universe

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



107.4570, 0.2677, 7.4922



137.4790, 0.2569, 10.9809



110.7450, -3.3253, -6.7924



55.0220, -0.0108, 3.4887



41.8360, 2.5459, 70.3038



85.6940, 5.0809, 144.0964

Previews

White Background



This preview shows how the YUV color 106.8740, 4.4991, 3.6185 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 106.8740, 4.4991, 3.6185 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 106.8740, 4.4991, 3.6185

Background



This preview shows how black text looks on a background with the YUV color 106.8740, 4.4991, 3.6185.



This preview shows how white text looks on a background with the YUV color 106.8740, 4.4991,

3.6185.

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

106.8740, 4.4991, 3.6185

Protanopia

106.0690, 5.3890, -1.8145

Deuteranopia

106.8740, 4.4991, 3.6185



Tritanopia

106.7060, 2.6099, 2.8888

Trichromacy



Original Color

106.8740, 4.4991, 3.6185

Protanomaly

106.3790, 5.2362, 0.5446

Deuteranomaly

106.8740, 4.4991, 3.6185

Tritanomaly

106.8200, 3.0467, 2.7889

Monochromacy



Original Color

106.8740, 4.4991, 3.6185

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8740, 4.4991, 3.6185 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, 103, 116)` looks like.

```
.text, #text, p{  
    color:rgb(111, 103, 116)  
}
```

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, 103, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 103, 116) }
```

Border

The CSS property to change the border of an element to YUV 106.8740, 4.4991, 3.6185 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, 103, 116) }
```


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

```
.border{ border-color:rgb(111, 103, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 103, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 103, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 103, 116);  
box-shadow:4px 4px 4px 4px rgb(111, 103,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 106.8740, 4.4991, 3.6185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 103, 116) }
```

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

```
.background{ background-color: rgb(111,  
103, 116) }
```

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