

Converting Colors

YUV(106.7940, -0.8844, 3.6887)

Have a look what the booklet for
YUV(106.7940, -0.8844, 3.6887)
contains.

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Color

**YUV(106.7940, -0.8844,
3.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6969
RGB	111, 105, 105
RGB Percent	44%, 41%, 41%
CMY	0.5647, 0.5882, 0.5882
CMYK	0.00, 0.05, 0.05, 0.56
HSL	0°, 3%, 42%
HSV	0°, 5%, 44%
XYZ	14.1569, 14.5026, 15.4177
YIQ	106.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

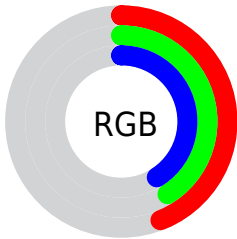
Format	Color
R_{YB}	111, 105, 105
Decimal	7301481
CIE _{Lab}	44.95, 2.35, 0.83
CIE _{LCh}	45, 2.490, 19.573
Yxy	14.5026, 0.3212, 0.3290
Android (android.graphics.Color)	4285491561 (0xFF6F6969)
YUV	106.7940, -0.8844, 3.6887
Hunter-Lab	38.0823, -0.2873, 2.6538

Details

The YUV color **106.7940, -0.8844, 3.6887** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109.2060, 0.8844, -3.6887**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0930, -1.0318, 4.3034**, and **59.4950, -0.7370, 3.0739** is the 20% darker color. If you saturate the color by 10%, you get **99.0830, -2.5059, 10.4512**, and if you desaturate by 10%, it is **114.5050, 0.7370, -3.0739**.

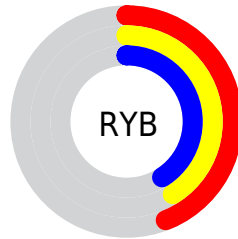
Distribution



Red (44%)

Green (41%)

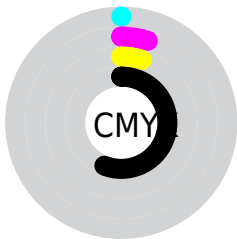
Blue (41%)



Red (44%)

Yellow (41%)

Blue (41%)

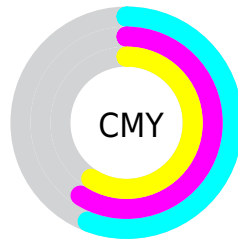


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (56%)



Cyan (56%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7940, -0.8844, 3.6887 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 106.7940, -0.8844, 3.6887 by changing the saturation by 10% instead.

■ 106.7940, -0.8844,
3.6887

■ 106.7940, -0.8844,
3.6887

255.0000, 0.0000,
0.0000

■ 82.7940, -0.8844,
3.6887

■ 158.0930, -1.0318,
4.3034

■ 59.4950, -0.7370,
3.0739

■ 185.0930, -1.0318,
4.3034

■ 37.4950, -0.7370,
3.0739

■ 212.7940, -0.8844,
3.6887

■ 16.7940, -0.8844,
3.6887

■ 241.0930, -1.0318,
4.3034

■ 0.0000, 0.0000,
0.0000

■ 106.7940, -0.8844,

■ 106.7940, -0.8844,

3.6887

3.6887

■ 99.0830, -2.5059,
10.4512

■ 114.5050, 0.7370,
-3.0739

■ 91.3720, -4.1274,
17.2138

■ 122.2160, 2.3585,
-9.8364

■ 83.6610, -5.7489,
23.9763

■ 129.9270, 3.9800,
-16.5990

■ 75.9500, -7.3703,
30.7389

■ 137.6380, 5.6015,
-23.3615

■ 68.2390, -8.9918,
37.5014

■ 146.0500, 7.3703,
-30.7389

■ 59.8270, -10.7607,
44.8787

■ 153.7610, 8.9918,
-37.5014

■ 52.1160, -12.3822,
51.6413

■ 161.4720, 10.6133,
-44.2639

■ 44.4050, -14.0037,
58.4038

■ 169.1830, 12.2348,
-51.0265

■ 36.6940, -15.6251,
65.1664

■ 176.8940, 13.8563,
-57.7890

Harmonies

Analogous

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



106.7230, 0.1366, 2.8739



106.7940, -0.8844, 3.6887



106.5660, -1.7580, 3.8886

Triad

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



106.7940, -0.8844, 3.6887



105.7610, -0.8682, -1.5444



106.4450, 1.7526, -2.1443

Complementary

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



106.7940, -0.8844, 3.6887



109.2060, 0.8844, -3.6887

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.



105.7330, 1.6106, -3.2738



106.7940, -0.8844, 3.6887



105.8640, -0.4260, -3.3887

Square

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



106.7940, -0.8844, 3.6887



106.4300, -2.1840, 0.4999



105.9070, 1.0318, -4.3034



106.4560, 1.7472, -0.3999

Rectangle

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



106.7940, -0.8844, 3.6887



106.7400, -2.3368, 2.8590



105.9070, 1.0318, -4.3034



106.1460, 1.9000, -2.7590

Sweetspot

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



106.7940, -0.8844, 3.6887



142.8970, -0.4422, 1.8443



107.4780, 1.7363, 3.0888



72.5980, -0.2948, 1.2296



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.



106.7940, -0.8844, 3.6887



139.3920, -1.1793, 4.9182



108.5550, -1.7526, 2.1443



53.1960, -0.5896, 2.4591



35.8800, -17.6888, 73.7732



73.8530, -36.4095, 151.8499

Inverse Universe

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



109.2060, 0.8844, -3.6887



142.6080, 1.1793, -4.9182



107.4450, 1.7526, -2.1443



54.8040, 0.5896, -2.4591



84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Previews

White Background



This preview shows how the YUV color 106.7940, -0.8844, 3.6887 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 106.7940, -0.8844, 3.6887 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 106.7940, -0.8844, 3.6887

Background



This preview shows how black text looks on a background with the YUV color 106.7940, -0.8844, 3.6887.



This preview shows how white text looks on a background with the YUV color 106.7940, -0.8844,

3.6887.

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

106.7940, -0.8844, 3.6887

Protanopia

106.4840, -0.7316, 1.3295

Deuteranopia

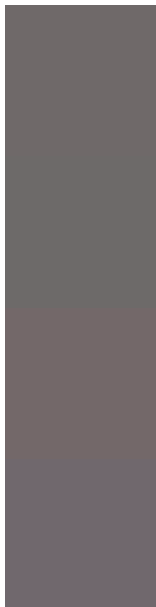
107.4140, -1.1901, 8.4069



Tritanopia

107.3040, 2.3151, 4.1184

Trichromacy



Original Color

106.7940, -0.8844, 3.6887

Protanomaly

106.7830, -0.8790, 1.9443

Deuteranomaly

107.4030, -1.1847, 6.6626

Tritanomaly

106.9620, 1.0047, 4.4183

Monochromacy



Original Color

106.7940, -0.8844, 3.6887

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 106.7940, -0.8844, 3.6887 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, 105)` looks like.

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

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, 105) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 106.7940, -0.8844, 3.6887 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, 105) }
```


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

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

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, 105)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 106.7940, -0.8844, 3.6887 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, 105) }
```

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

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

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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