

Converting Colors

YUV(116.8810, -2.8993, -3.4036)

Have a look what the booklet for
YUV(116.8810, -2.8993, -3.4036)
contains.

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Color

**YUV(116.8810, -2.8993,
-3.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	71786F
RGB	113, 120, 111
RGB Percent	44%, 47%, 44%
CMY	0.5569, 0.5294, 0.5647
CMYK	0.06, 0.00, 0.07, 0.53
HSL	107°, 4%, 45%
HSV	107°, 7%, 47%
XYZ	16.3958, 18.0913, 17.6668
YIQ	116.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

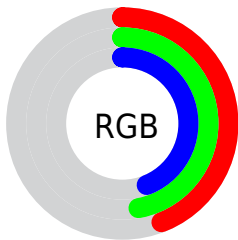
Format	Color
RYB	111, 120, 118
Decimal	7436399
CIELab	49.61, -4.45, 4.03
CIELCh	50, 6.006, 137.847
Yxy	18.0913, 0.3144, 0.3469
Android (android.graphics.Color)	4285626479 (0xFF71786F)
YUV	116.8810, -2.8993, -3.4036
Hunter-Lab	42.5339, -5.6271, 5.1472

Details

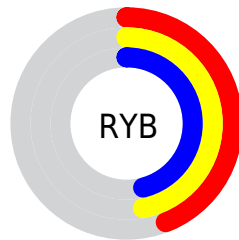
The YUV color **116.8810, -2.8993, -3.4036** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114.1190, 2.8993, 3.4036**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8810, -2.8993, -3.4036**, and **68.8810, -2.8993, -3.4036** is the 20% darker color. If you saturate the color by 10%, you get **112.8220, -6.8142, -7.7369**, and if you desaturate by 10%, it is **120.9400, 1.0156, 0.9296**.

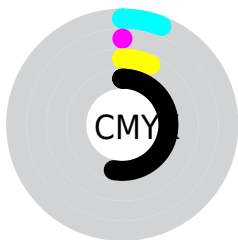
Distribution



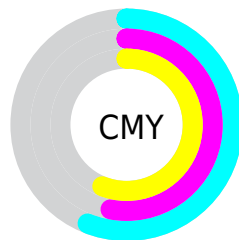
- Red (44%)
- Green (47%)
- Blue (44%)



- Red (44%)
- Yellow (47%)
- Blue (46%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8810, -2.8993, -3.4036 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 116.8810, -2.8993, -3.4036 by changing the saturation by 10% instead.

■ 116.8810, -2.8993,
-3.4036

■ 116.8810, -2.8993,
-3.4036

255.0000, 0.0000,
0.0000

■ 92.2940, -2.6099,
-2.8888

■ 168.8810, -2.8993,
-3.4036

■ 68.8810, -2.8993,
-3.4036

■ 196.4680, -3.1887,
-3.9184

■ 46.2940, -2.6099,
-2.8888

■ 224.3540, -3.6255,
-3.8185

■ 25.7070, -2.3206,
-2.3740

■ 251.8810, -2.8993,
-3.4036

■ 0.0000, 0.0000,
0.0000

■ 116.8810, -2.8993,

■ 116.8810, -2.8993,

-3.4036

-3.4036

■ 112.8220, -6.8142,
-7.7369

■ 120.9400, 1.0156,
0.9296

■ 108.4640,
-10.5818, -12.6849

■ 125.2980, 4.7831,
5.8777

■ 104.4050,
-14.4967, -17.0182

■ 129.3570, 8.6980,
10.2109

■ 100.3460,
-18.4116, -21.3514

■ 133.4160, 12.6129,
14.5442

■ 95.9880, -22.1791,
-26.2995

■ 137.7740, 16.3804,
19.4922

■ 91.9290, -26.0940,
-30.6327

■ 141.8330, 20.2953,
23.8255

■ 87.8700, -30.0089,
-34.9660

■ 145.8920, 24.2102,
28.1587

■ 83.5120, -33.7764,
-39.9140

■ 150.2500, 27.9778,
33.1067

■ 79.4530, -37.6913,
-44.2473

■ 154.3090, 31.8927,
37.4400

Harmonies

Analogous

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



117.7460, -4.8048, 1.0998



116.8810, -2.8993, -3.4036



116.5430, -0.2677, -7.4922

Triad

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



116.8810, -2.8993, -3.4036



117.3350, 5.2578, -6.4328



119.1860, -2.0637, 8.6069

Complementary

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



116.8810, -2.8993, -3.4036



114.1190, 2.8993, 3.4036

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.



119.1580, 0.4151, 6.8774



116.8810, -2.8993, -3.4036



117.9550, 4.9522, -1.7145

Square

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



116.8810, -2.8993, -3.4036



116.3840, 4.2477, -9.1068



119.1190, 2.8993, 3.4036



118.4310, -3.6635, 8.3920

Rectangle

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



116.8810, -2.8993, -3.4036



116.2870, 1.3375, -9.0217



119.1190, 2.8993, 3.4036



119.4140, -1.1901, 8.4069

Sweetspot

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



116.8810, -2.8993, -3.4036



154.6470, -1.3050, -1.4444



117.8000, -3.3524, 1.9294



78.4730, -0.7262, -0.4148



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



116.8810, -2.8993, -3.4036



151.1150, -4.4937, -5.3629



116.5110, -1.7309, -4.8331



58.8210, -1.8838, -2.4740



81.7470, -40.3013, -47.1361



164.6680, -81.1813, -95.3018

Inverse Universe

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



114.1190, 2.8993, 3.4036



146.5860, 4.6411, 4.7481



114.4890, 1.7309, 4.8331



57.1790, 1.8838, 2.4740



43.2530, 40.3013, 47.1361



87.3320, 81.1813, 95.3018

Previews

White Background



This preview shows how the YUV color 116.8810, -2.8993, -3.4036 looks on a white background.

Color Contrast Check

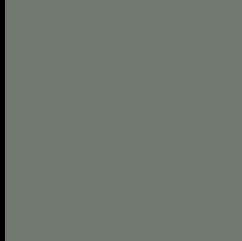
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.8810, -2.8993, -3.4036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

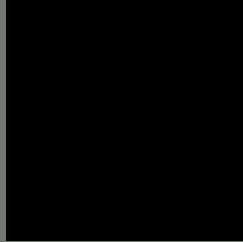
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.8810, -2.8993, -3.4036

Background



This preview shows how black text looks on a background with the YUV color 116.8810, -2.8993, -3.4036.



This preview shows how white text looks on a background with the YUV color 116.8810, -2.8993, -3.4036.

-3.4036.

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

116.8810, -2.8993, -3.4036

Protanopia

117.6970, -3.7946, 3.7737

Deuteranopia

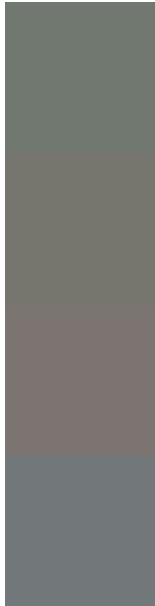
118.8550, -3.3795, 10.6512



Tritanopia

118.1290, 4.3734, -2.7441

Trichromacy



Original Color

116.8810, -2.8993, -3.4036

Protanomaly

117.3870, -3.6418, 1.4146

Deuteranomaly

117.9360, -2.9264, 5.3181

Tritanomaly

117.7330, 1.6106, -3.2738

Monochromacy



Original Color

116.8810, -2.8993, -3.4036

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0600, -1.0156, -0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8810, -2.8993, -3.4036 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(113, 120, 111)` looks like.

```
.text, #text, p{  
    color:rgb(113, 120, 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(113, 120, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 120, 111) }
```

Border

The CSS property to change the border of an element to YUV 116.8810, -2.8993, -3.4036 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(113, 120, 111) }
```


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

```
.border{ border-color:rgb(113, 120, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 120, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 120, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 120, 111);  
box-shadow:4px 4px 4px 4px rgb(113, 120,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 116.8810, -2.8993, -3.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 120, 111) }
```

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

```
.background{ background-color: rgb(113,  
120, 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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