

Converting Colors

YUV(106.6670, 1.6432,
-13.7400)

Have a look what the booklet for
YUV(106.6670, 1.6432, -13.7400)
contains.

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Color

**YUV(106.6670, 1.6432,
-13.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	5B726E
RGB	91, 114, 110
RGB Percent	36%, 45%, 43%
CMY	0.6431, 0.5529, 0.5686
CMYK	0.20, 0.00, 0.04, 0.55
HSL	170°, 11%, 40%
HSV	170°, 20%, 45%
XYZ	13.1462, 15.3846, 17.0285
YIQ	106.6670, -12.4240, -6.1200

Conversions

Conversions Part 2

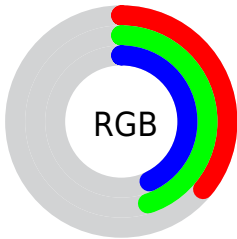
Format	Color
R _Y B	91, 104, 114
Decimal	5993070
CIE Lab	46.16, -9.34, -0.59
CIE LCh	46, 9.357, 183.604
Yxy	15.3846, 0.2886, 0.3377
Android (android.graphics.Color)	4284183150 (0xFF5B726E)
YUV	106.6670, 1.6432, -13.7400
Hunter-Lab	39.2232, -8.8139, 1.7158

Details

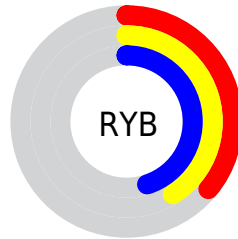
The YUV color **106.6670, 1.6432, -13.7400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.3330, -1.6432, 13.7400**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3680, 1.7906, -14.3547**, and **59.3790, 1.7852, -12.6104** is the 20% darker color. If you saturate the color by 10%, you get **103.1500, 2.3911, -20.3025**, and if you desaturate by 10%, it is **110.1840, 0.8953, -7.1774**.

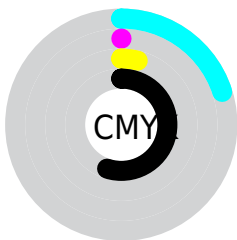
Distribution



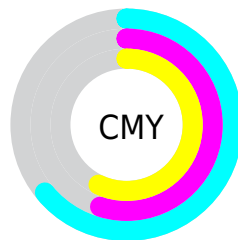
- Red (36%)
- Green (45%)
- Blue (43%)



- Red (36%)
- Yellow (41%)
- Blue (45%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



- Cyan (64%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6670, 1.6432, -13.7400 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 106.6670, 1.6432, -13.7400 by changing the saturation by 10% instead.

■ 106.6670, 1.6432,
-13.7400

■ 106.6670, 1.6432,
-13.7400

■ 255.0000, 0.0000,
0.0000

■ 82.0800, 1.9326,
-13.2252

■ 158.3680, 1.7906,
-14.3547

■ 59.3790, 1.7852,
-12.6104

■ 185.0690, 1.9380,
-14.9695

■ 37.3790, 1.7852,
-12.6104

■ 212.6560, 1.6486,
-15.4843

■ 16.3680, 1.7906,
-14.3547

■ 240.7700, 2.0854,
-15.5843

■ 0.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,
-1.8443

■ 106.6670, 1.6432,
-13.7400

■ 106.6670, 1.6432,
-13.7400

■ 103.1500, 2.3911,
-20.3025

■ 110.1840, 0.8953,
-7.1774

■ 99.3340, 3.2863,
-27.4799

■ 114.0000, 0.0000,
0.0000

■ 95.8170, 4.0342,
-34.0425

■ 117.5170, -0.7479,
6.5626

■ 92.0010, 4.9295,
-41.2199

■ 121.3330, -1.6432,
13.7400

■ 88.4840, 5.6774,
-47.7825

■ 124.8500, -2.3910,
20.3026

■ 84.9670, 6.4253,
-54.3451

■ 128.3670, -3.1389,
26.8651

■ 81.1510, 7.3206,
-61.5224


■ 132.1830, -4.0342,
34.0425

■ 77.6340, 8.0684,

■ 135.7000, -4.7821,

-68.0850

40.6051

 139.5160, -5.6774,
47.7825

Harmonies

Analogous

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



106.9620, -2.4463, -8.7367



106.6670, 1.6432, -13.7400



106.9810, 5.4324, -15.7693

Triad

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



106.6670, 1.6432, -13.7400



110.2050, 5.8149, 1.5742



110.2310, -7.0159, 10.3214

Complementary

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



106.6670, 1.6432, -13.7400



98.3330, -1.6432, 13.7400

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.



110.8230, -4.8427, 13.3102



106.6670, 1.6432, -13.7400



111.0380, 2.4463, 8.7367

Square

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



106.6670, 1.6432, -13.7400



109.3180, 7.7312, -6.4179



110.8490, -0.9116, 12.4104



109.0840, -7.4364, 5.1883

Rectangle

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



106.6670, 1.6432, -13.7400



107.7470, 7.0267, -13.8101



110.8490, -0.9116, 12.4104



110.3560, -6.5845, 11.9658

Sweetspot

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



106.6670, 1.6432, -13.7400



145.0810, 0.4531, -5.3330



105.6970, -7.2456, -9.3813



72.3910, 0.3002, -2.9739



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.



106.6670, 1.6432, -13.7400



136.5520, 2.6859, -21.5321



103.0140, 5.4161, -10.5363



54.0920, 0.4476, -3.5887



81.7260, 8.5161, -71.6737



168.2450, 17.6272, -147.5509

Inverse Universe

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



98.3330, -1.6432, 13.7400



123.5620, -2.2491, 21.4321



101.9860, -5.4161, 10.5363



51.9080, -0.4476, 3.5887



38.2740, -8.5161, 71.6737



78.7550, -17.6272, 147.5509

Previews

White Background



This preview shows how the YUV color 106.6670, 1.6432, -13.7400 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 106.6670, 1.6432, -13.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

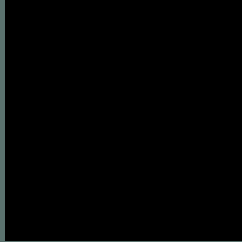
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.6670, 1.6432, -13.7400

Background



This preview shows how black text looks on a background with the YUV color 106.6670, 1.6432, -13.7400.



This preview shows how white text looks on a background with the YUV color 106.6670, 1.6432, -13.7400.

-13.7400.

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

106.6670, 1.6432, -13.7400

Protanopia

109.3700, -1.1684, 1.4295

Deuteranopia

110.2720, 0.8519, 6.7775



Tritanopia

107.3450, 6.7319, -12.5806

Trichromacy



Original Color

106.6670, 1.6432, -13.7400

Protanomaly

108.5650, -0.2785, -4.0035

Deuteranomaly

108.9290, 1.0210, -0.8147

Tritanomaly

107.1770, 4.8427, -13.3102

Monochromacy



Original Color

106.6670, 1.6432, -13.7400

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0810, 0.4531, -5.3330

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6670, 1.6432, -13.7400 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(91, 114, 110)` looks like.

```
.text, #text, p{  
    color:rgb(91, 114, 110)  
}
```

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(91, 114, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 114, 110) }
```

Border

The CSS property to change the border of an element to YUV 106.6670, 1.6432, -13.7400 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(91, 114, 110) }
```


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

```
.border{ border-color:rgb(91, 114, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 114, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 114, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 114, 110);  
box-shadow:4px 4px 4px 4px rgb(91, 114,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 106.6670, 1.6432, -13.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 114, 110) }
```

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

```
.background{ background-color: rgb(91, 114,  
110) }
```

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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