

Converting Colors

YUV(106.3870, -3.6418, 1.4146)

Have a look what the booklet for
YUV(106.3870, -3.6418, 1.4146)
contains.

YUV(106.3870, -3.6418, 1.4146)	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(106.3870, -3.6418,
1.4146)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6B63
RGB	108, 107, 99
RGB Percent	42%, 42%, 39%
CMY	0.5765, 0.5804, 0.6118
CMYK	0.00, 0.01, 0.08, 0.58
HSL	53°, 4%, 41%
HSV	53°, 8%, 42%
XYZ	13.6942, 14.6044, 13.9015
YIQ	106.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

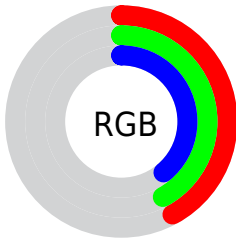
Format	Color
RYB	100, 108, 99
Decimal	7105379
CIELab	45.09, -1.19, 4.62
CIElCh	45, 4.765, 104.422
Yxy	14.6044, 0.3245, 0.3461
Android (android.graphics.Color)	4285295459 (0xFF6C6B63)
YUV	106.3870, -3.6418, 1.4146
Hunter-Lab	38.2157, -2.9140, 5.1833

Details

The YUV color **106.3870, -3.6418, 1.4146** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.6130, 3.6418, -1.4146**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3870, -3.6418, 1.4146**, and **59.5010, -3.2050, 1.3146** is the 20% darker color. If you saturate the color by 10%, you get **104.5460, -8.1572, 3.0292**, and if you desaturate by 10%, it is **108.2280, 0.8736, -0.2000**.

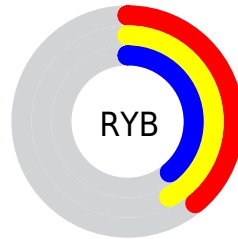
Distribution



Red (42%)

Green (42%)

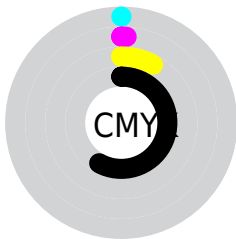
Blue (39%)



Red (39%)

Yellow (42%)

Blue (39%)

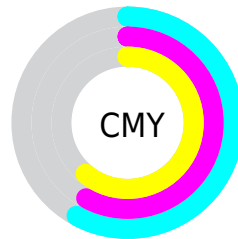


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.3870, -3.6418, 1.4146 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 106.3870, -3.6418, 1.4146 by changing the saturation by 10% instead.

■ 106.3870, -3.6418,
1.4146

■ 106.3870, -3.6418,
1.4146

255.0000, 0.0000,
0.0000

■ 82.3870, -3.6418,
1.4146

■ 157.3870, -3.6418,
1.4146

■ 59.5010, -3.2050,
1.3146

■ 184.2730, -4.0786,
1.5146

■ 37.5010, -3.2050,
1.3146

■ 212.2730, -4.0786,
1.5146

■ 16.4580, -4.6628,
2.2293

■ 240.2730, -4.0786,
1.5146

■ 0.0000, 0.0000,
0.0000

■ 106.3870, -3.6418,

■ 106.3870, -3.6418,

1.4146

1.4146

■ 104.5460, -8.1572,
3.0292

■ 108.2280, 0.8736,
-0.2000

■ 102.7050,
-12.6726, 4.6437

■ 110.0690, 5.3890,
-1.8145

■ 100.3910,
-16.4618, 6.6731

■ 112.3830, 9.1782,
-3.8439

■ 98.5500, -20.9771,
8.2877

■ 114.2240, 13.6936,
-5.4584

■ 96.7090, -25.4925,
9.9022

■ 116.0650, 18.2090,
-7.0730

■ 94.8680, -30.0079,
11.5168

■ 117.9060, 22.7243,
-8.6876

■ 93.0270, -34.5233,
13.1313

■ 119.7470, 27.2397,
-10.3021

■ 90.7130, -38.3125,
15.1607

■ 122.0610, 31.0289,
-12.3315

■ 88.8720, -42.8279,
16.7753

■ 123.9020, 35.5443,
-13.9461

Harmonies

Analogous

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



106.9960, -3.9420, 4.3885



106.3870, -3.6418, 1.4146



105.7070, -2.3206, -2.3740

Triad

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



106.3870, -3.6418, 1.4146



106.0530, 2.9319, -7.0625



107.5600, 0.7099, 5.6479

Complementary

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



106.3870, -3.6418, 1.4146



100.6130, 3.6418, -1.4146

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.



107.2930, 2.3206, 2.3740



106.3870, -3.6418, 1.4146



106.2920, 3.8000, -5.5181

Square

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



106.3870, -3.6418, 1.4146



105.2980, 1.3321, -7.2773



106.6130, 3.6418, -1.4146



107.4030, -1.1847, 6.6626

Rectangle

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



106.3870, -3.6418, 1.4146



105.9240, -1.4415, -4.3183



106.6130, 3.6418, -1.4146



107.3750, 1.2941, 4.9331

Sweetspot

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



106.3870, -3.6418, 1.4146



139.5440, -1.7472, 0.3999



101.8050, -0.8899, 5.4330



70.7720, -0.8736, 0.2000



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



106.3870, -3.6418, 1.4146



137.8170, -5.8258, 1.9145



106.0770, -3.4890, -0.9445



52.7290, -2.3314, 1.1147



96.0310, -47.3433, 18.3898



201.2210, -99.2020, 38.3942

Inverse Universe

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



100.6130, 3.6418, -1.4146



128.7700, 5.5364, -2.4293



100.9230, 3.4890, 0.9445



49.2710, 2.3314, -1.1147



20.9690, 47.3433, -18.3898



43.7790, 99.2020, -38.3942

Previews

White Background



This preview shows how the YUV color 106.3870, -3.6418, 1.4146 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 106.3870, -3.6418, 1.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

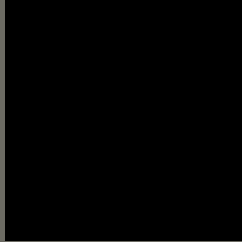
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

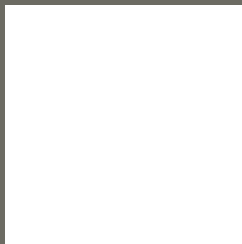
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.3870, -3.6418, 1.4146

Background



This preview shows how black text looks on a background with the YUV color 106.3870, -3.6418, 1.4146.



This preview shows how white text looks on a background with the YUV color 106.3870, -3.6418,

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

106.3870, -3.6418, 1.4146

Protanopia

106.3980, -3.6472, 3.1590

Deuteranopia

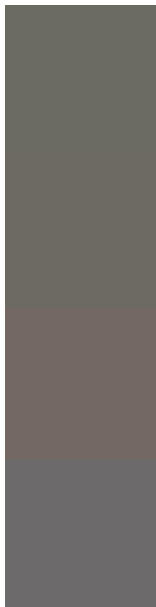
107.4420, -3.6689, 10.1364



Tritanopia

107.4070, 2.7573, 2.2741

Trichromacy



Original Color

106.3870, -3.6418, 1.4146

Protanomaly

106.0990, -3.4998, 2.5442

Deuteranomaly

106.8330, -3.3687, 7.1625

Tritanomaly

107.1250, 0.4314, 1.6444

Monochromacy



Original Color

106.3870, -3.6418, 1.4146

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.3870, -3.6418, 1.4146 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(108, 107, 99)` looks like.

```
.text, #text, p{  
    color:rgb(108, 107, 99)  
}
```

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(108, 107, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 107, 99) }
```

Border

The CSS property to change the border of an element to YUV 106.3870, -3.6418, 1.4146 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(108, 107, 99) }
```


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

```
.border{ border-color:rgb(108, 107, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 107, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 107, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 107, 99);  
box-shadow:4px 4px 4px 4px rgb(108, 107,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 106.3870, -3.6418, 1.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 107, 99) }
```

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

```
.background{ background-color: rgb(108,  
107, 99) }
```

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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