

Converting Colors

YUV(107.4030, -4.6357, -6.4924)

Have a look what the booklet for
YUV(107.4030, -4.6357, -6.4924)
contains.

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Color

**YUV(107.4030, -4.6357,
-6.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	647162
RGB	100, 113, 98
RGB Percent	39%, 44%, 38%
CMY	0.6078, 0.5569, 0.6157
CMYK	0.12, 0.00, 0.13, 0.56
HSL	112°, 7%, 41%
HSV	112°, 13%, 44%
XYZ	13.3653, 15.4014, 13.8236
YIQ	107.4030, -2.9330, -7.4210

Conversions

Conversions Part 2

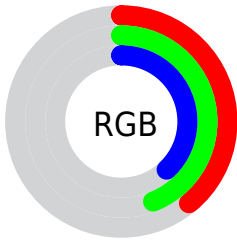
Format	Color
RYB	98, 113, 111
Decimal	6582626
CIELab	46.18, -8.01, 6.69
CIElCh	46, 10.432, 140.141
Yxy	15.4014, 0.3138, 0.3616
Android (android.graphics.Color)	4284772706 (0xFF647162)
YUV	107.4030, -4.6357, -6.4924
Hunter-Lab	39.2446, -7.8877, 6.5868

Details

The YUV color **107.4030, -4.6357, -6.4924** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103.5970, 4.6357, 6.4924**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9900, -4.9251, -7.0072**, and **59.9300, -3.9095, -6.0776** is the 20% darker color. If you saturate the color by 10%, you get **103.1590, -7.9664, -11.5404**, and if you desaturate by 10%, it is **111.6470, -1.3050, -1.4444**.

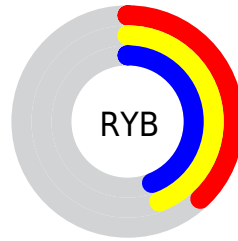
Distribution



Red (39%)

Green (44%)

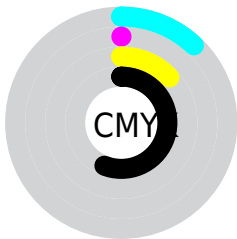
Blue (38%)



Red (38%)

Yellow (44%)

Blue (44%)

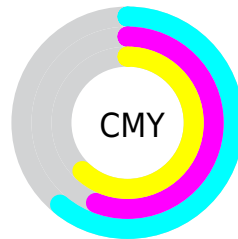


Cyan (12%)

Magenta (0%)

Yellow (13%)

Black (56%)



Cyan (61%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.4030, -4.6357, -6.4924 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 107.4030, -4.6357, -6.4924 by changing the saturation by 10% instead.

■ 107.4030, -4.6357,
-6.4924

■ 107.4030, -4.6357,
-6.4924

255.0000, 0.0000,
0.0000

■ 83.4030, -4.6357,
-6.4924

■ 158.9900, -4.9251,
-7.0072

■ 59.9300, -3.9095,
-6.0776

■ 185.8760, -5.3619,
-6.9073

■ 38.2290, -4.0569,
-5.4628

■ 213.5770, -5.2145,
-7.5220

■ 16.8760, -5.3619,
-6.9073

■ 241.5770, -5.2145,
-7.5220

■ 0.0000, 0.0000,
0.0000

■ 107.4030, -4.6357,

■ 107.4030, -4.6357,

-6.4924

-6.4924

■ 103.1590, -7.9664,
-11.5404

■ 111.6470, -1.3050,
-1.4444

■ 98.8010, -11.7339,
-16.4885

■ 116.0050, 2.4625,
3.5036

■ 94.8560, -15.2120,
-20.9217

■ 119.9500, 5.9406,
7.9368

■ 90.6120, -18.5427,
-25.9697

■ 124.1940, 9.2714,
12.9849

■ 86.3680, -21.8734,
-31.0177

■ 128.5520, 13.0389,
17.9329

■ 82.0100, -25.6409,
-35.9658

■ 132.7960, 16.3696,
22.9809

■ 77.7660, -28.9716,
-41.0138

■ 137.0400, 19.7003,
28.0289

■ 73.8210, -32.4498,
-45.4470

■ 140.9850, 23.1784,
32.4622

■ 70.8160, -34.9123,
-48.9506

■ 145.3430, 26.9459,
37.4102

Harmonies

Analogous

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



108.6490, -7.7150, 1.1848



107.4030, -4.6357, -6.4924



106.2110, -0.1040, -13.3400

Triad

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



107.4030, -4.6357, -6.4924



108.2250, 8.7631, -10.7213



111.1760, -3.5378, 14.7546

Complementary

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



107.4030, -4.6357, -6.4924



103.5970, 4.6357, 6.4924

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.



111.3050, 0.8356, 12.0105



107.4030, -4.6357, -6.4924



109.7530, 8.0098, -2.4144

Square

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



107.4030, -4.6357, -6.4924



106.8500, 7.4689, -15.6545



110.7110, 5.0725, 6.3925



110.2530, -7.0267, 13.8101

Rectangle

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



107.4030, -4.6357, -6.4924



106.5850, 2.6696, -16.2990



110.7110, 5.0725, 6.3925



110.9310, -1.9380, 14.9695

Sweetspot

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



107.4030, -4.6357, -6.4924



145.8210, -1.8838, -2.4740



110.1160, -5.9732, 2.5293



72.6470, -1.3050, -1.4444



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.



107.4030, -4.6357, -6.4924



138.9850, -7.3876, -10.5108



107.4890, -1.7201, -8.3219



53.8210, -1.8838, -2.4740



75.2240, -37.0854, -51.9394



154.8560, -76.3440, -106.8677

Inverse Universe

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



103.5970, 4.6357, 6.4924



133.0150, 7.3876, 10.5108



103.5110, 1.7201, 8.3219



52.1790, 1.8838, 2.4740



44.7760, 37.0854, 51.9394



92.1440, 76.3440, 106.8677

Previews

White Background



This preview shows how the YUV color 107.4030, -4.6357, -6.4924 looks on a white background.

Color Contrast Check

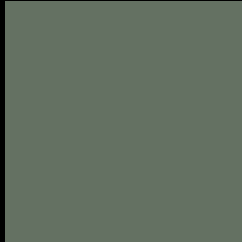
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4030, -4.6357, -6.4924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

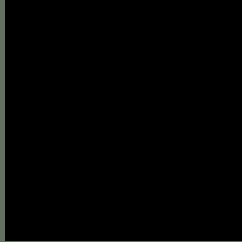
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.4030, -4.6357, -6.4924

Background



This preview shows how black text looks on a background with the YUV color 107.4030, -4.6357, -6.4924.



This preview shows how white text looks on a background with the YUV color 107.4030, -4.6357, -6.4924.

-6.4924.

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

107.4030, -4.6357, -6.4924

Protanopia

109.0130, -6.4154, 4.3736

Deuteranopia

109.8120, -4.8373, 11.5659



Tritanopia

108.9330, 4.9630, -5.2032

Trichromacy



Original Color

107.4030, -4.6357, -6.4924

Protanomaly

108.2190, -5.5310, 0.6849

Deuteranomaly

109.0670, -4.9630, 5.2032

Tritanomaly

108.3090, 1.3267, -5.5330

Monochromacy



Original Color

107.4030, -4.6357, -6.4924

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9350, -1.4470, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4030, -4.6357, -6.4924 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(100, 113, 98)` looks like.

```
.text, #text, p{  
    color:rgb(100, 113, 98)  
}
```

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(100, 113, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 113, 98) }
```

Border

The CSS property to change the border of an element to YUV 107.4030, -4.6357, -6.4924 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(100, 113, 98) }
```


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

```
.border{ border-color:rgb(100, 113, 98) }
```

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

Here you see how a box with a 4 pixel rgb(100, 113, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 113, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 113, 98);  
box-shadow:4px 4px 4px 4px rgb(100, 113,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 107.4030, -4.6357, -6.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 113, 98) }
```

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

```
.background{ background-color: rgb(100,  
113, 98) }
```

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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