

# Converting Colors

YUV(107.4390, 4.2206, -0.3850)

Have a look what the booklet for  
YUV(107.4390, 4.2206, -0.3850)  
contains.

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# Color

**YUV(107.4390, 4.2206,  
-0.3850)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B6A74
RGB	107, 106, 116
RGB Percent	42%, 42%, 45%
CMY	0.5804, 0.5843, 0.5451
CMYK	0.08, 0.09, 0.00, 0.55
HSL	246°, 5%, 44%
HSV	246°, 9%, 45%
XYZ	14.3698, 14.6948, 18.6020
YIQ	107.4390, -2.6140, 3.3220

# Conversions

## Conversions Part 2

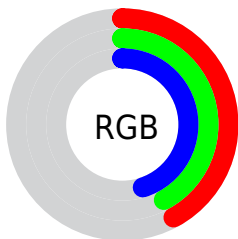
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 106, 116
Decimal	7039604
CIE Lab	45.21, 2.51, -5.44
CIE LCh	45, 5.989, 294.808
Yxy	14.6948, 0.3015, 0.3083
Android (android.graphics.Color)	4285229684 (0xFF6B6A74)
YUV	107.4390, 4.2206, -0.3850
Hunter-Lab	38.3338, -0.1717, -1.9376

# Details

The YUV color  $107.4390, 4.2206, -0.3850$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $114.5610, -4.2206, 0.3850$ , and the grayscale version is  $107.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $158.5530, 4.6574, -0.4850$ , and  $60.3250, 3.7838, -0.2850$  is the 20% darker color. If you saturate the color by 10%, you get  $97.4050, 9.1673, -0.3552$ , and if you desaturate by 10%, it is  $117.4730, -0.7262, -0.4148$ .

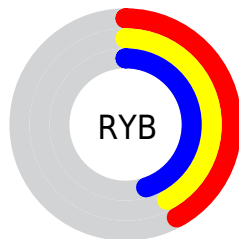
# Distribution



Red (42%)

Green (42%)

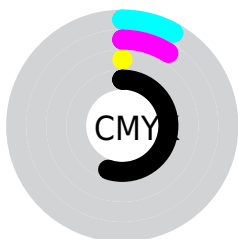
Blue (45%)



Red (42%)

Yellow (42%)

Blue (45%)

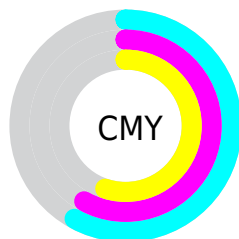


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (55%)



Cyan (58%)

Magenta (58%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 107.4390, 4.2206, -0.3850 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 107.4390, 4.2206, -0.3850 by changing the saturation by 10% instead.



■ 107.4390, 4.2206,  
-0.3850

■ 107.4390, 4.2206,  
-0.3850

■ 255.0000, 0.0000,  
0.0000

■ 83.3250, 3.7838,  
-0.2850

■ 158.5530, 4.6574,  
-0.4850

■ 60.3250, 3.7838,  
-0.2850

■ 185.5530, 4.6574,  
-0.4850

■ 38.3250, 3.7838,  
-0.2850

■ 213.5530, 4.6574,  
-0.4850

■ 17.6240, 3.6364,  
0.3298

■ 241.6670, 5.0942,  
-0.5850

■ 0.0000, 0.0000,  
0.0000

■ 107.4390, 4.2206,

■ 107.4390, 4.2206,

-0.3850

-0.3850

■ 97.4050, 9.1673,  
-0.3552

■ 117.4730, -0.7262,  
-0.4148

■ 87.6590, 13.9721,  
-1.4549

■ 127.2190, -5.5310,  
0.6849

■ 77.6250, 18.9189,  
-1.4251

■ 137.2530,  
-10.4777, 0.6551

■ 67.8790, 23.7237,  
-2.5249

■ 146.9990,  
-15.2825, 1.7549

■ 57.8450, 28.6704,  
-2.4951

■ 157.0330,  
-20.2293, 1.7251

■ 47.5120, 33.7646,  
-3.0800

■ 167.3660,  
-25.3234, 2.3100

■ 38.0650, 38.4220,  
-3.5650

■ 176.8130,  
-29.9808, 2.7950

■ 27.7320, 43.5161,  
-4.1500

■ 187.1460,  
-35.0750, 3.3800

■ 18.2850, 48.1735,  
-4.6349

■ 196.5930,  
-39.7323, 3.8649

# Harmonies

## Analogous

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



106.9330, 4.9630, -5.2032



107.4390, 4.2206, -0.3850



108.3040, 2.3151, 4.1184

# Triad

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



107.4390, 4.2206, -0.3850



107.6050, -4.2423, 7.3624



105.3580, 0.3165, -8.2070

# Complementary

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



107.4390, 4.2206, -0.3850



114.5610, -4.2206, 0.3850

# 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.



105.6960, -2.3151, -4.1184



107.4390, 4.2206, -0.3850



106.7680, -4.8156, 4.5885

# Square

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



107.4390, 4.2206, -0.3850



108.0720, -2.5005, 8.7069



106.5610, -4.2206, 0.3850



105.6290, 2.6479, -9.3216



# Rectangle

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



107.4390, 4.2206, -0.3850



108.2720, 0.8519, 6.7775



106.5610, -4.2206, 0.3850



105.7280, -0.8519, -6.7775

# Sweetspot

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



107.4390, 4.2206, -0.3850



146.4560, 1.7472, -0.3999



112.4230, 1.7635, -5.6330



73.7550, 1.5998, 0.2149



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



107.4390, 4.2206, -0.3850



137.3080, 6.2572, -0.2701



108.9340, 3.4835, 2.6889



53.6840, 2.6208, -0.5999



17.4960, 51.5205, -4.8200



35.9750, 105.5143, -9.6251



# Inverse Universe

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



110.0160, 2.4571, 5.2480



141.0810, 3.9041, 7.8220



113.0660, -3.4835, -2.6889



55.3640, 1.2995, 3.1888



49.0180, 30.0641, 64.0052

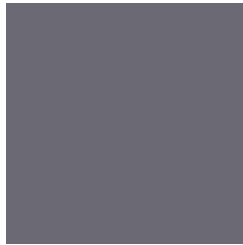


100.4000, 61.4278, 131.1992



# Previews

## White Background



This preview shows how the YUV color 107.4390, 4.2206, -0.3850 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 107.4390, 4.2206, -0.3850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

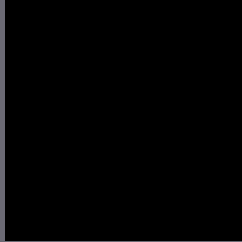
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

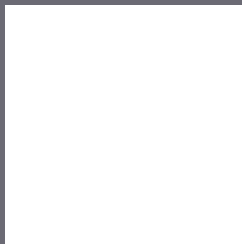
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YUV 107.4390, 4.2206, -0.3850**

## **Background**



This preview shows how black text looks on a background with the YUV color 107.4390, 4.2206, -0.3850.



This preview shows how white text looks on a background with the YUV color 107.4390, 4.2206, -0.3850.

-0.3850.

# 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

107.4390, 4.2206, -0.3850

### Protanopia

107.1400, 4.3680, -0.9998

### Deuteranopia

108.0590, 3.9149, 4.3333



## Tritanopia

107.3250, 3.7838, -0.2850

# Trichromacy



## Original Color

107.4390, 4.2206, -0.3850

## Protanomaly

107.1400, 4.3680, -0.9998

## Deuteranomaly

108.0480, 3.9203, 2.5889

## Tritanomaly

107.3250, 3.7838, -0.2850

# Monochromacy



## Original Color

107.4390, 4.2206, -0.3850

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

107.3420, 1.3104, -0.2999

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.4390, 4.2206, -0.3850 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(107, 106, 116)` looks like.

```
.text, #text, p{  
    color:rgb(107, 106, 116)  
}
```

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(107, 106, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 106, 116) }
```

## Border

The CSS property to change the border of an element to YUV 107.4390, 4.2206, -0.3850 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(107, 106, 116) }
```



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

```
.border{ border-color:rgb(107, 106, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 106, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 106, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 106, 116);  
box-shadow:4px 4px 4px 4px rgb(107, 106,  
116) }
```

# Background

The CSS property to change the background color of an element to YUV 107.4390, 4.2206, -0.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 106, 116) }
```

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

```
.background{ background-color: rgb(107,  
106, 116) }
```

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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