

Converting Colors

YUV(104.5070, 14.5400, 3.0634)

Have a look what the booklet for
YUV(104.5070, 14.5400, 3.0634)
contains.

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Color

**YUV(104.5070, 14.5400,
3.0634)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6186
RGB	108, 97, 134
RGB Percent	42%, 38%, 53%
CMY	0.5765, 0.6196, 0.4745
CMYK	0.19, 0.28, 0.00, 0.47
HSL	258°, 16%, 45%
HSV	258°, 28%, 53%
XYZ	14.7621, 13.4588, 24.3740
YIQ	104.5070, -5.3210, 13.8390

Conversions

Conversions Part 2

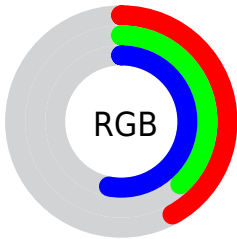
Format	Color
R_{YB}	108, 97, 134
Decimal	7102854
CIE _{Lab}	43.45, 12.53, -18.94
CIE _{LCh}	43, 22.713, 303.483
Yxy	13.4588, 0.2807, 0.2559
Android (android.graphics.Color)	4285292934 (0xFF6C6186)
YUV	104.5070, 14.5400, 3.0634
Hunter-Lab	36.6862, 7.6256, -13.7115

Details

The YUV color **104.5070, 14.5400, 3.0634** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **126.4930, -14.5400, -3.0634**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0340, 15.2662, 3.4782**, and **57.4530, 13.0877, 2.2337** is the 20% darker color. If you saturate the color by 10%, you get **94.1850, 19.6288, 4.2228**, and if you desaturate by 10%, it is **114.8290, 9.4513, 1.9040**.

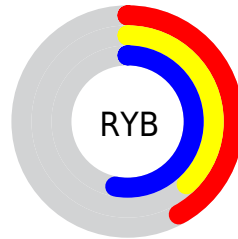
Distribution



Red (42%)

Green (38%)

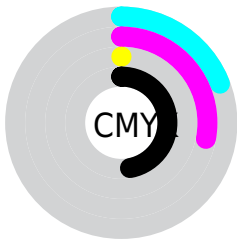
Blue (53%)



Red (42%)

Yellow (38%)

Blue (53%)

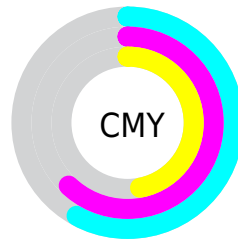


Cyan (19%)

Magenta (28%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (62%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.5070, 14.5400, 3.0634 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 104.5070, 14.5400, 3.0634 by changing the saturation by 10% instead.

■ 104.5070, 14.5400,
3.0634

■ 104.5070, 14.5400,
3.0634

■ 255.0000, 0.0000,
0.0000

■ 80.0940, 14.2507,
2.5486

■ 156.0340, 15.2662,
3.4782

■ 57.4530, 13.0877,
2.2337

■ 182.5610, 15.9924,
3.8930

■ 35.0400, 12.7983,
1.7189

■ 210.6750, 16.4292,
3.7930

■ 12.7630, 12.9348,
4.5928

■ 236.7370, 9.0037,
5.4927

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 104.5070, 14.5400,
3.0634

■ 104.5070, 14.5400,
3.0634

■ 94.1850, 19.6288,
4.2228

■ 114.8290, 9.4513,
1.9040

■ 82.9770, 25.1543,
5.2822

■ 126.0370, 3.9258,
0.8446

■ 72.6550, 30.2431,
6.4416

■ 136.3590, -1.1630,
-0.3148

■ 61.4470, 35.7686,
7.5010

■ 147.5670, -6.6885,
-1.3743

■ 51.1250, 40.8574,
8.6604

■ 157.8890,
-11.7773, -2.5337

■ 40.8030, 45.9461,
9.8198

■ 168.2110,
-16.8660, -3.6930

■ 29.5950, 51.4717,
10.8792


■ 179.4190,
-22.3916, -4.7525

■ 27.2360, 52.6347,

■ 189.7410,

11.1940

-27.4803, -5.9119

 200.9490,
-33.0059, -6.9713

Harmonies

Analogous

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



101.2270, 19.1151, -17.7391



104.5070, 14.5400, 3.0634



105.3690, 7.2131, 19.8474

Triad

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



104.5070, 14.5400, 3.0634



102.7890, -16.6580, 22.9870



92.8380, 5.5029, -38.4459

Complementary

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



104.5070, 14.5400, 3.0634



126.4930, -14.5400, -3.0634

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.



96.0760, -5.4605, -21.9917



104.5070, 14.5400, 3.0634



101.0710, -17.7830, 10.4617

Square

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



104.5070, 14.5400, 3.0634



103.8530, -10.2805, 30.8239



99.2970, -13.9504, -5.5225



91.1280, 15.7129, -46.5933

Rectangle

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



104.5070, 14.5400, 3.0634



105.5180, 1.2236, 27.6097



99.2970, -13.9504, -5.5225



94.2470, 1.8502, -33.5426

Sweetspot

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



104.5070, 14.5400, 3.0634



162.6780, 5.0887, 1.1594



117.0670, 8.3480, -17.5988



79.9230, 3.4890, 0.9445



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



104.5070, 14.5400, 3.0634



127.5810, 22.3916, 4.7525



109.8890, 11.8867, 14.1293



61.2820, 2.3260, 0.6297



26.4810, 51.0349, 10.9792



0.6410, 1.1630, 0.3148

Inverse Universe

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



111.0270, 5.9027, 20.1473



137.6030, 9.0697, 31.0432



121.1110, -11.8867, -14.1293



62.2500, 0.8628, 3.2888



49.2440, 20.5857, 70.8230



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 104.5070, 14.5400, 3.0634 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 104.5070, 14.5400, 3.0634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

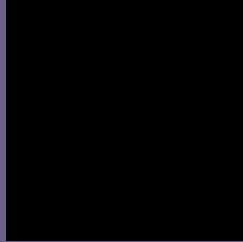
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.5070, 14.5400, 3.0634

Background



This preview shows how black text looks on a background with the YUV color 104.5070, 14.5400, 3.0634.



This preview shows how white text looks on a background with the YUV color 104.5070, 14.5400, 3.0634.

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

104.5070, 14.5400, 3.0634

Protanopia

102.7120, 16.9040, -8.5174

Deuteranopia

103.1530, 14.7146, -6.2732



Tritanopia

103.5100, 3.1996, 0.4297

Trichromacy



Original Color

104.5070, 14.5400, 3.0634

Protanomaly

103.5060, 16.0195, -4.8288

Deuteranomaly

103.7620, 14.4143, -3.2993

Tritanomaly

103.6610, 7.5621, 1.1743

Monochromacy



Original Color

104.5070, 14.5400, 3.0634

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7920, 5.5255, 1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.5070, 14.5400, 3.0634 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, 97, 134)` looks like.

```
.text, #text, p{  
    color:rgb(108, 97, 134)  
}
```

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, 97, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 97, 134) }
```

Border

The CSS property to change the border of an element to YUV 104.5070, 14.5400, 3.0634 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, 97, 134) }
```


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

```
.border{ border-color:rgb(108, 97, 134) }
```

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

Here you see how a box with a 4 pixel rgb(108, 97, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 97, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 97, 134);  
box-shadow:4px 4px 4px 4px rgb(108, 97,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 104.5070, 14.5400, 3.0634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 97, 134) }
```

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

```
.background{ background-color: rgb(108, 97,  
134) }
```

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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