

Converting Colors

YUV(119.0470, 5.3998, -5.3032)

Have a look what the booklet for
YUV(119.0470, 5.3998, -5.3032)
contains.

YUV(119.0470, 5.3998, -5.3032)	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(119.0470, 5.3998,
-5.3032)**

Conversions

Conversions Part 1

Format	Color
Hex	717882
RGB	113, 120, 130
RGB Percent	44%, 47%, 51%
CMY	0.5569, 0.5294, 0.4902
CMYK	0.13, 0.08, 0.00, 0.49
HSL	215°, 7%, 48%
HSV	215°, 13%, 51%
XYZ	17.5558, 18.5554, 23.7753
YIQ	119.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

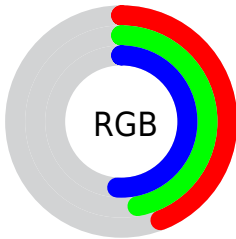
Format	Color
R_{YB}	113, 118, 130
Decimal	7436418
CIE _{Lab}	50.16, -0.43, -6.36
CIE _{LCh}	50, 6.376, 266.091
Yxy	18.5554, 0.2932, 0.3098
Android (android.graphics.Color)	4285626498 (0xFF717882)
YUV	119.0470, 5.3998, -5.3032
Hunter-Lab	43.0759, -2.6344, -2.5714

Details

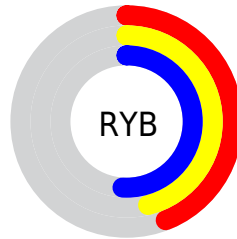
The YUV color **119.0470, 5.3998, -5.3032** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **123.9530, -5.3998, 5.3032**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1610, 5.8366, -5.4032**, and **70.9330, 4.9630, -5.2032** is the 20% darker color. If you saturate the color by 10%, you get **110.4640, 9.6312, -9.1769**, and if you desaturate by 10%, it is **127.6300, 1.1684, -1.4295**.

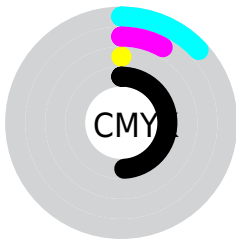
Distribution



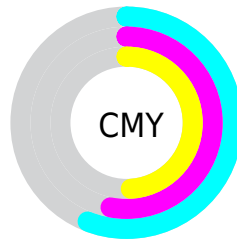
- Red (44%)
- Green (47%)
- Blue (51%)



- Red (44%)
- Yellow (46%)
- Blue (51%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0470, 5.3998, -5.3032 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 119.0470, 5.3998, -5.3032 by changing the saturation by 10% instead.

■ 119.0470, 5.3998,
-5.3032

■ 119.0470, 5.3998,
-5.3032

■ 255.0000, 0.0000,
0.0000

■ 94.0470, 5.3998,
-5.3032

■ 171.1610, 5.8366,
-5.4032

■ 70.9330, 4.9630,
-5.2032

■ 198.7480, 5.5472,
-5.9180

■ 48.2320, 4.8156,
-4.5885

■ 226.8620, 5.9840,
-6.0180

■ 27.1180, 4.3788,
-4.4885

■ 252.9070, 1.0318,
-4.3034

■ 2.8840, 5.9732,
-2.5293

■ 0.0000, 0.0000,
0.0000

■ 119.0470, 5.3998,
-5.3032

■ 119.0470, 5.3998,
-5.3032

■ 110.4640, 9.6312,
-9.1769

■ 127.6300, 1.1684,
-1.4295

■ 102.4680, 13.5733,
-13.5654

■ 135.6260, -2.7736,
2.9590

■ 93.8850, 17.8047,
-17.4391

■ 144.2090, -7.0050,
6.8327

■ 85.3020, 22.0361,
-21.3129

■ 152.7920,
-11.2365, 10.7064

■ 77.3060, 25.9781,
-25.7014

■ 160.7880,
-15.1785, 15.0949

■ 68.7230, 30.2096,
-29.5751

■ 169.3710,
-19.4099, 18.9686

■ 60.1400, 34.4410,
-33.4488

■ 177.9540,
-23.6413, 22.8423

■ 52.1440, 38.3830,

■ 185.9500,

-37.8373

-27.5833, 27.2309

■ 46.5180, 41.1566,
-40.7963

■ 194.5330,
-31.8148, 31.1046

Harmonies

Analogous

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



118.4980, 4.6845, -9.2067



119.0470, 5.3998, -5.3032



119.8520, 4.5100, 0.1298

Triad

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



119.0470, 5.3998, -5.3032



120.3710, -2.6479, 9.3216



117.9840, -2.4571, -5.2480

Complementary

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



119.0470, 5.3998, -5.3032



123.9530, -5.3998, 5.3032

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.



118.5610, -4.2206, 0.3850



119.0470, 5.3998, -5.3032



119.9040, -4.3897, 7.9772

Square

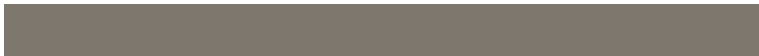
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



119.0470, 5.3998, -5.3032



120.6420, -0.3165, 8.2070



119.6540, -5.2524, 4.6884



117.9450, 0.0271, -8.7218

Rectangle

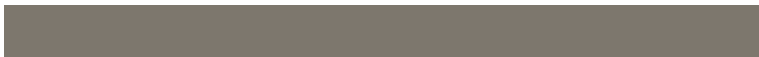
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



119.0470, 5.3998, -5.3032



120.2330, 3.3361, 3.3037



119.6540, -5.2524, 4.6884



117.8810, -2.8993, -3.4036

Sweetspot

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



119.0470, 5.3998, -5.3032



163.8580, 2.0420, -1.6295



124.1190, -0.5517, -9.7514



81.6300, 1.1684, -1.4295



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



119.0470, 5.3998, -5.3032



150.5350, 8.6102, -8.3622



115.2370, 7.2782, -1.0848



59.5590, 2.1894, -2.2442



45.7030, 40.5724, -40.0815



0.0000, 0.0000, 0.0000

Inverse Universe

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



118.8810, 0.5517, 9.7514



150.3270, 0.8248, 15.4992



127.7630, -7.2782, 1.0848



59.4350, 0.2785, 4.0035



44.3140, 4.2822, 73.3926



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 119.0470, 5.3998, -5.3032 looks on a white 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

Black Background



This preview shows how the YUV color 119.0470, 5.3998, -5.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

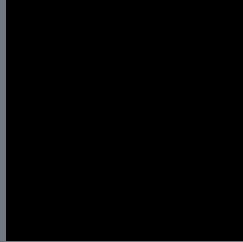
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

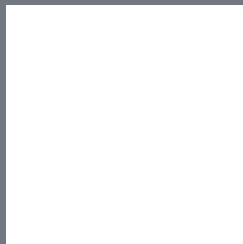
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.0470, 5.3998, -5.3032

Background



This preview shows how black text looks on a background with the YUV color 119.0470, 5.3998, -5.3032.



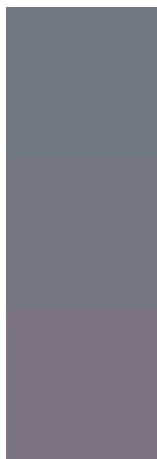
This preview shows how white text looks on a background with the YUV color 119.0470, 5.3998, -5.3032.

-5.3032.

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

119.0470, 5.3998, -5.3032

Protanopia

119.2540, 4.8048, -1.0998

Deuteranopia

120.4010, 5.2253, 4.0333



Tritanopia

119.0470, 5.3998, -5.3032

Trichromacy



Original Color

119.0470, 5.3998, -5.3032

Protanomaly

119.2430, 4.8102, -2.8441

Deuteranomaly

119.7920, 5.5255, 1.0594

Tritanomaly

119.0470, 5.3998, -5.3032

Monochromacy



Original Color

119.0470, 5.3998, -5.3032

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8580, 2.0420, -1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0470, 5.3998, -5.3032 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(113, 120, 130)` looks like.

```
.text, #text, p{  
    color:rgb(113, 120, 130)  
}
```

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(113, 120, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 120, 130) }
```

Border

The CSS property to change the border of an element to YUV 119.0470, 5.3998, -5.3032 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(113, 120, 130) }
```


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

```
.border{ border-color:rgb(113, 120, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 120, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 120, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 120, 130);  
box-shadow:4px 4px 4px 4px rgb(113, 120,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 119.0470, 5.3998, -5.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 120, 130) }
```

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

```
.background{ background-color: rgb(113,  
120, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor