

Converting Colors

YUV(119.4170, 4.2314, -3.8737)

Have a look what the booklet for
YUV(119.4170, 4.2314, -3.8737)
contains.

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Color

**YUV(119.4170, 4.2314,
-3.8737)**

Conversions

Conversions Part 1

Format	Color
Hex	737880
RGB	115, 120, 128
RGB Percent	45%, 47%, 50%
CMY	0.5490, 0.5294, 0.4980
CMYK	0.10, 0.06, 0.00, 0.50
HSL	217°, 5%, 48%
HSV	217°, 10%, 50%
XYZ	17.6830, 18.6363, 23.0872
YIQ	119.4170, -5.5480, 1.4280

Conversions

Conversions Part 2

Format	Color
R_{YB}	115, 119, 128
Decimal	7567488
CIE _{Lab}	50.26, -0.16, -5.02
CIE _{LCh}	50, 5.025, 268.145
Yxy	18.6363, 0.2977, 0.3137
Android (android.graphics.Color)	4285757568 (0xFF737880)
YUV	119.4170, 4.2314, -3.8737
Hunter-Lab	43.1698, -2.4308, -1.4895

Details

The YUV color **119.4170, 4.2314, -3.8737** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **123.5830, -4.2314, 3.8737**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5310, 4.6682, -3.9737**, and **71.3030, 3.7946, -3.7737** is the 20% darker color. If you saturate the color by 10%, you get **110.8340, 8.4628, -7.7474**, and if you desaturate by 10%, it is **128.0000, 0.0000, 0.0000**.

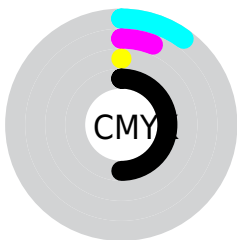
Distribution



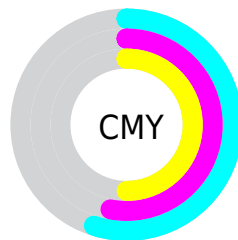
- Red (45%)
- Green (47%)
- Blue (50%)



- Red (45%)
- Yellow (47%)
- Blue (50%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4170, 4.2314, -3.8737 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 119.4170, 4.2314, -3.8737 by changing the saturation by 10% instead.

■ 119.4170, 4.2314,
-3.8737

■ 119.4170, 4.2314,
-3.8737

■ 255.0000, 0.0000,
0.0000

■ 94.4170, 4.2314,
-3.8737

■ 171.5310, 4.6682,
-3.9737

■ 71.3030, 3.7946,
-3.7737

■ 199.1180, 4.3788,
-4.4885

■ 48.6020, 3.6472,
-3.1590

■ 227.2320, 4.8156,
-4.5885

■ 27.6020, 3.6472,
-3.1590

■ 253.8040, 0.5896,
-2.4591

■ 2.6560, 5.0996,
-2.3293

■ 0.0000, 0.0000,
0.0000

■ 119.4170, 4.2314,
-3.8737

■ 119.4170, 4.2314,
-3.8737

■ 110.8340, 8.4628,
-7.7474

■ 128.0000, 0.0000,
0.0000

■ 102.2510, 12.6943,
-11.6211

■ 136.5830, -4.2314,
3.8737

■ 93.9670, 16.7783,
-14.8801

■ 144.8670, -8.3154,
7.1326

■ 85.3840, 21.0097,
-18.7538

■ 153.4500,
-12.5469, 11.0063

■ 77.3880, 24.9517,
-23.1423

■ 161.4460,
-16.4889, 15.3949

■ 68.8050, 29.1831,
-27.0160

■ 170.0290,
-20.7203, 19.2686

■ 60.2220, 33.4146,
-30.8897

■ 178.6120,
-24.9517, 23.1423

■ 51.9380, 37.4986,

■ 186.8960,

-34.1486

-29.0357, 26.4012

■ 43.3550, 41.7300,
-38.0223

■ 195.4790,
-33.2671, 30.2749

Harmonies

Analogous

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



118.6940, 4.0949, -6.7476



119.4170, 4.2314, -3.8737



120.2110, 3.3470, -0.1850

Triad

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



119.4170, 4.2314, -3.8737



120.4740, -2.2057, 7.4773



118.8100, -1.8783, -4.2184

Complementary

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



119.4170, 4.2314, -3.8737



123.5830, -4.2314, 3.8737

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.



119.3760, -3.6364, -0.3298



119.4170, 4.2314, -3.8737



120.0070, -3.9475, 6.1329

Square

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



119.4170, 4.2314, -3.8737



120.6310, -0.3111, 6.4626



119.5830, -4.2314, 3.8737



118.0700, 0.4585, -7.0774

Rectangle

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



119.4170, 4.2314, -3.8737



120.5920, 2.1731, 2.9888



119.5830, -4.2314, 3.8737



118.4080, -2.1731, -2.9888

Sweetspot

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



119.4170, 4.2314, -3.8737



162.7440, 1.6052, -1.5295



123.5430, -0.2677, -7.4922



81.9290, 1.0210, -0.8147



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.



119.4170, 4.2314, -3.8737



152.9760, 6.4208, -6.1180



116.7810, 5.5310, -0.6849



59.5590, 2.1894, -2.2442



43.3550, 41.7300, -38.0223



0.0000, 0.0000, 0.0000

Inverse Universe

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



119.4570, 0.2677, 7.4922



152.8920, 0.5462, 11.4957



126.2190, -5.5310, 0.6849



59.4350, 0.2785, 4.0035



43.8580, 2.5350, 73.7925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 119.4170, 4.2314, -3.8737 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 119.4170, 4.2314, -3.8737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

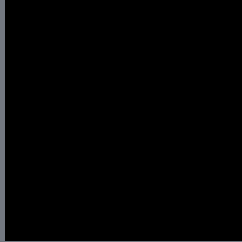
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

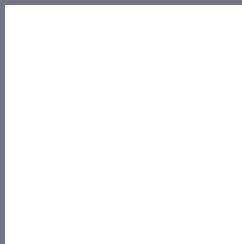
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.4170, 4.2314, -3.8737

Background



This preview shows how black text looks on a background with the YUV color 119.4170, 4.2314, -3.8737.



This preview shows how white text looks on a background with the YUV color 119.4170, 4.2314,

-3.8737.

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

119.4170, 4.2314, -3.8737

Protanopia

119.9120, 3.4944, -0.7998

Deuteranopia

120.7710, 4.0569, 5.4628



Tritanopia

119.5310, 4.6682, -3.9737

Trichromacy



Original Color

119.4170, 4.2314, -3.8737

Protanomaly

119.6130, 3.6418, -1.4146

Deuteranomaly

120.1620, 4.3571, 2.4889

Tritanomaly

119.5310, 4.6682, -3.9737

Monochromacy



Original Color

119.4170, 4.2314, -3.8737

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4170, 4.2314, -3.8737 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(115, 120, 128)` looks like.

```
.text, #text, p{  
    color:rgb(115, 120, 128)  
}
```

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(115, 120, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 120, 128) }
```

Border

The CSS property to change the border of an element to YUV 119.4170, 4.2314, -3.8737 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(115, 120, 128) }
```


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

```
.border{ border-color:rgb(115, 120, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 120, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 120, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 120, 128);  
box-shadow:4px 4px 4px 4px rgb(115, 120,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 119.4170, 4.2314, -3.8737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 120, 128) }
```

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

```
.background{ background-color: rgb(115,  
120, 128) }
```

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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