

Converting Colors

YUV(119.4330, -3.6645,
-38.0907)

Have a look what the booklet for
YUV(119.4330, -3.6645, -38.0907)
contains.

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Color

**YUV(119.4330, -3.6645,
-38.0907)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8F70
RGB	76, 143, 112
RGB Percent	30%, 56%, 44%
CMY	0.7020, 0.4392, 0.5608
CMYK	0.47, 0.00, 0.22, 0.44
HSL	152°, 31%, 43%
HSV	152°, 47%, 56%
XYZ	15.7276, 22.3513, 18.8145
YIQ	119.4330, -29.9810, -23.8450

Conversions

Conversions Part 2

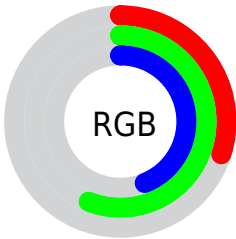
Format	Color
RYB	76, 120, 143
Decimal	5017456
CIELab	54.40, -28.94, 9.98
CIElCh	54, 30.609, 160.975
Yxy	22.3513, 0.2764, 0.3929
Android (android.graphics.Color)	4283207536 (0xFF4C8F70)
YUV	119.4330, -3.6645, -38.0907
Hunter-Lab	47.2771, -23.3538, 9.4988

Details

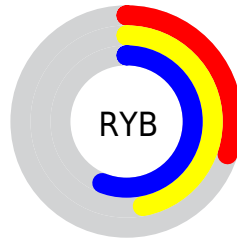
The YUV color **119.4330, -3.6645, -38.0907** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **99.5670, 3.6645, 38.0907**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9060, -4.3907, -38.5056**, and **67.5790, -1.7644, -40.8498** is the 20% darker color. If you saturate the color by 10%, you get **114.4490, -4.6584, -45.9978**, and if you desaturate by 10%, it is **124.4170, -2.6706, -30.1837**.

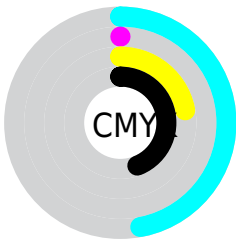
Distribution



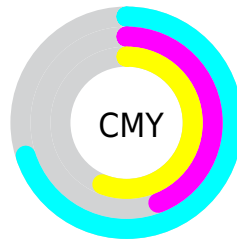
- Red (30%)
- Green (56%)
- Blue (44%)



- Red (30%)
- Yellow (47%)
- Blue (56%)



- Cyan (47%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)




- Cyan (70%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.4330, -3.6645, -38.0907 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 119.4330, -3.6645, -38.0907 by changing the saturation by 10% instead.

 119.4330, -3.6645,
-38.0907


 119.4330, -3.6645,
-38.0907


255.0000, 0.0000,
0.0000


 93.6610, -2.7909,
-38.2907


 172.9060, -4.3907,
-38.5056


 67.5790, -1.7644,
-40.8498


 200.4930, -4.6800,
-39.0204


 44.7040, -1.3331,
-39.2054


 228.7810, -4.8220,
-40.1499

 28.9230, -3.4130,
-25.3655

 241.2310, 2.8441,
-25.6356

 14.0880, -6.9454,
-12.3552

 250.8140, 2.0637,
-8.6069

 0.0000, 0.0000,
0.0000

■ 119.4330, -3.6645,
-38.0907

■ 119.4330, -3.6645,
-38.0907

■ 114.4490, -4.6584,
-45.9978

■ 124.4170, -2.6706,
-30.1837

■ 109.2800, -5.0680,
-54.6196

■ 129.5860, -2.2609,
-21.5619

■ 104.2960, -6.0619,
-62.5266

■ 134.5700, -1.2670,
-13.6549

■ 99.4260, -6.6190,
-70.5336

■ 139.4400, -0.7099,
-5.6479

■ 94.1430, -7.4655,
-79.0554

■ 144.7230, 0.1366,
2.8739

■ 92.7190, -7.7495,
-81.3146

■ 149.7070, 1.1304,
10.7810

■ 154.5770, 1.6875,
18.7880

■ 159.5610, 2.6814,

26.6950

■ 164.8440, 3.5279,
35.2168

Harmonies

Analogous

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



124.3300, -17.4177, -13.4444



119.4330, -3.6645, -38.0907



112.0350, 13.2937, -64.0517

Triad

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



119.4330, -3.6645, -38.0907



128.7630, 26.2458, -18.2092



131.1980, -16.8596, 41.0454

Complementary

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



119.4330, -3.6645, -38.0907



99.5670, 3.6645, 38.0907

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.



132.7820, -5.8085, 43.1642



119.4330, -3.6645, -38.0907



133.4740, 18.0073, 10.9853

Square

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



119.4330, -3.6645, -38.0907



120.0640, 29.5484, -50.9221



133.7450, 7.0277, 32.6726



129.7590, -24.5312, 28.2754

Rectangle

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



119.4330, -3.6645, -38.0907



107.6940, 23.8149, -78.6616



133.7450, 7.0277, 32.6726



131.7190, -13.6655, 43.2194

Sweetspot

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



119.4330, -3.6645, -38.0907



176.8580, -1.4090, -14.7845



124.5980, -23.9588, -15.4334



88.4180, -0.6991, -9.1366



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



119.4330, -3.6645, -38.0907



149.4320, -5.6360, -59.1379



121.7930, 10.4551, -40.1605



68.5650, -0.2785, -4.0035



87.5670, -7.1815, -76.7963



5.1520, -0.5679, -4.5183

Inverse Universe

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



99.5670, 3.6645, 38.0907



118.5680, 5.6360, 59.1379



97.2070, -10.4551, 40.1605



66.5490, 0.7153, 3.9035



47.5470, 7.6183, 76.6963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 119.4330, -3.6645, -38.0907 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 119.4330, -3.6645, -38.0907 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 119.4330, -3.6645, -38.0907

Background



This preview shows how black text looks on a background with the YUV color 119.4330, -3.6645, -38.0907.



This preview shows how white text looks on a background with the YUV color 119.4330, -3.6645,

-38.0907.

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

119.4330, -3.6645, -38.0907

Protanopia

128.6560, -11.6624, 7.3177

Deuteranopia

130.5520, -7.1741, 14.4249



Tritanopia

123.7060, 12.4699, -33.0682

Trichromacy



Original Color

119.4330, -3.6645, -38.0907

Protanomaly

125.3550, -8.5560, -9.0813

Deuteranomaly

126.7730, -5.8041, -5.0629

Tritanomaly

122.2020, 6.8024, -35.2572

Monochromacy



Original Color

119.4330, -3.6645, -38.0907

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1570, -1.5564, -14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4330, -3.6645, -38.0907 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(76, 143, 112)` looks like.

```
.text, #text, p{  
    color:rgb(76, 143, 112)  
}
```

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(76, 143, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 143, 112) }
```

Border

The CSS property to change the border of an element to YUV 119.4330, -3.6645, -38.0907 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(76, 143, 112) }
```


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

```
.border{ border-color:rgb(76, 143, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 143, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 143, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 143, 112);  
box-shadow:4px 4px 4px 4px rgb(76, 143,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 119.4330, -3.6645, -38.0907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 143, 112) }
```

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

```
.background{ background-color: rgb(76, 143,  
112) }
```

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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