

Converting Colors

YUV(118.8910, -8.3273,
-35.8614)

Have a look what the booklet for
YUV(118.8910, -8.3273, -35.8614)
contains.

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Color

**YUV(118.8910, -8.3273,
-35.8614)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8F66
RGB	78, 143, 102
RGB Percent	31%, 56%, 40%
CMY	0.6941, 0.4392, 0.6000
CMYK	0.45, 0.00, 0.29, 0.44
HSL	142°, 29%, 43%
HSV	142°, 45%, 56%
XYZ	15.3626, 22.2239, 16.0503
YIQ	118.8910, -25.5790, -26.5310

Conversions

Conversions Part 2

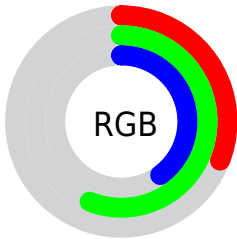
Format	Color
R_{YB}	78, 125, 143
Decimal	5148518
CIE _{Lab}	54.26, -30.50, 15.49
CIE _{LCh}	54, 34.210, 153.069
Yxy	22.2239, 0.2864, 0.4143
Android (android.graphics.Color)	4283338598 (0xFF4E8F66)
YUV	118.8910, -8.3273, -35.8614
Hunter-Lab	47.1423, -24.3298, 12.8134

Details

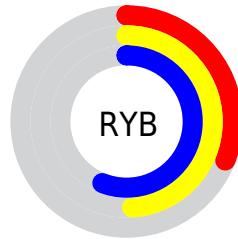
The YUV color **118.8910, -8.3273, -35.8614** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **102.1090, 8.3273, 35.8614**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9510, -9.3428, -36.7910**, and **67.7490, -6.2853, -37.4909** is the 20% darker color. If you saturate the color by 10%, you get **113.6790, -10.1947, -43.5685**, and if you desaturate by 10%, it is **124.1030, -6.4598, -28.1543**.

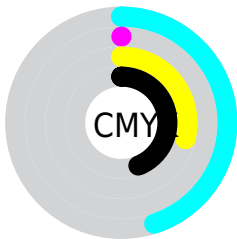
Distribution



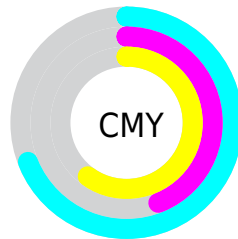
- Red (31%)
- Green (56%)
- Blue (40%)



- Red (31%)
- Yellow (49%)
- Blue (56%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (44%)



- Cyan (69%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8910, -8.3273, -35.8614 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 118.8910, -8.3273, -35.8614 by changing the saturation by 10% instead.

■ 118.8910, -8.3273,
-35.8614

■ 118.8910, -8.3273,
-35.8614

■ 255.0000, 0.0000,
0.0000

■ 93.1190, -7.4537,
-36.0614

■ 171.9510, -9.3428,
-36.7910

■ 67.7490, -6.2853,
-37.4909

■ 199.8370, -9.7796,
-36.6910

■ 43.6780, -5.2643,
-38.3056

■ 228.1250, -9.9216,
-37.8206

■ 27.7830, -7.7810,
-24.3657

■ 240.5750, -2.2555,
-23.3063

■ 14.0880, -6.9454,
-12.3552

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 118.8910, -8.3273,
-35.8614

■ 118.8910, -8.3273,
-35.8614

■ 113.6790,
-10.1947, -43.5685

■ 124.1030, -6.4598,
-28.1543

■ 108.1680,
-11.9148, -51.8903

■ 129.6140, -4.7397,
-19.8325

■ 102.9560,
-13.7823, -59.5974

■ 134.8260, -2.8722,
-12.1254

■ 97.7440, -15.6498,
-67.3045

■ 140.0380, -1.0047,
-4.4183

■ 92.2330, -17.3699,
-75.6263

■ 145.5490, 0.7153,
3.9035

■ 89.9830, -18.2326,
-78.9151

■ 150.7610, 2.5828,
11.6106

■ 155.9730, 4.4503,
19.3177

■ 161.1850, 6.3178,

27.0248

 166.6960, 8.0379,
35.3466

Harmonies

Analogous

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



124.3970, -22.3807, -8.2412



118.8910, -8.3273, -35.8614



107.9370, 11.8631, -71.8587

Triad

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



118.8910, -8.3273, -35.8614



125.8260, 30.6518, -31.4194



131.1710, -15.8603, 47.2080

Complementary

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



118.8910, -8.3273, -35.8614



102.1090, 8.3273, 35.8614

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.



132.1290, -2.0356, 46.3679



118.8910, -8.3273, -35.8614



132.3960, 22.9758, 4.0377

Square

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



118.8910, -8.3273, -35.8614



108.6090, 36.1818, -78.5871



133.5860, 11.5431, 31.0581



129.5750, -25.4265, 35.4527

Rectangle

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



118.8910, -8.3273, -35.8614



102.4430, 24.4316, -89.8425



133.5860, 11.5431, 31.0581



131.6210, -11.6452, 48.5674

Sweetspot

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



118.8910, -8.3273, -35.8614



176.4020, -3.1562, -14.3846



128.4140, -24.8541, -8.2561



88.0760, -2.0095, -8.8367



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.



118.8910, -8.3273, -35.8614



148.2060, -12.9196, -56.3087



122.5390, 5.6503, -39.0607



68.4510, -0.7153, -3.9035



84.9450, -17.2279, -74.4968



5.0380, -1.0047, -4.4183

Inverse Universe

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



102.1090, 8.3273, 35.8614



121.7940, 12.9196, 56.3087



98.4610, -5.6503, 39.0607



66.6630, 1.1521, 3.8035



50.0550, 17.2279, 74.4968



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 118.8910, -8.3273, -35.8614 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 118.8910, -8.3273, -35.8614 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 118.8910, -8.3273, -35.8614 Background



This preview shows how black text looks on a background with the YUV color 118.8910, -8.3273, -35.8614.



This preview shows how white text looks on a background with the YUV color 118.8910, -8.3273, -35.8614.

-35.8614.

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

118.8910, -8.3273, -35.8614

Protanopia

127.9290, -15.7410, 8.8323

Deuteranopia

129.7220, -11.6949, 17.7838



Tritanopia

123.9020, 11.8803, -30.6091

Trichromacy



Original Color

118.8910, -8.3273, -35.8614

Protanomaly

124.5140, -13.0714, -7.4668

Deuteranomaly

125.9430, -10.3249, -1.7040

Tritanomaly

121.9420, 4.4656, -32.3981

Monochromacy



Original Color

118.8910, -8.3273, -35.8614

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1140, -3.0142, -13.2550

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8910, -8.3273, -35.8614 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(78, 143, 102)` looks like.

```
.text, #text, p{  
    color:rgb(78, 143, 102)  
}
```

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(78, 143, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 143, 102) }
```

Border

The CSS property to change the border of an element to YUV 118.8910, -8.3273, -35.8614 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(78, 143, 102) }
```


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

```
.border{ border-color:rgb(78, 143, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 143, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 143, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 143, 102);  
box-shadow:4px 4px 4px 4px rgb(78, 143,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 118.8910, -8.3273, -35.8614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 143, 102) }
```

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

```
.background{ background-color: rgb(78, 143,  
102) }
```

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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