

Converting Colors

YUV(117.6860, 6.0708,
-33.9276)

Have a look what the booklet for
YUV(117.6860, 6.0708, -33.9276)
contains.

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Color

**YUV(117.6860, 6.0708,
-33.9276)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8782
RGB	79, 135, 130
RGB Percent	31%, 53%, 51%
CMY	0.6902, 0.4706, 0.4902
CMYK	0.41, 0.00, 0.04, 0.47
HSL	175°, 26%, 42%
HSV	175°, 41%, 53%
XYZ	15.9177, 20.6019, 24.2567
YIQ	117.6860, -31.7710, -13.4270

Conversions

Conversions Part 2

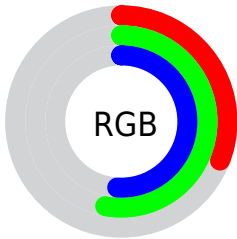
Format	Color
RYB	79, 108, 135
Decimal	5212034
CIELab	52.51, -19.70, -3.12
CIElCh	53, 19.949, 188.997
Yxy	20.6019, 0.2619, 0.3390
Android (android.graphics.Color)	4283402114 (0xFF4F8782)
YUV	117.6860, 6.0708, -33.9276
Hunter-Lab	45.3893, -16.8328, 0.0871

Details

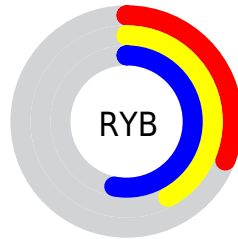
The YUV color **117.6860, 6.0708, -33.9276** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **96.3140, -6.0708, 33.9276**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3870, 6.2182, -34.5424**, and **67.2020, 6.8024, -35.2572** is the 20% darker color. If you saturate the color by 10%, you get **113.6850, 7.5503, -41.8197**, and if you desaturate by 10%, it is **121.9860, 4.4439, -25.4207**.

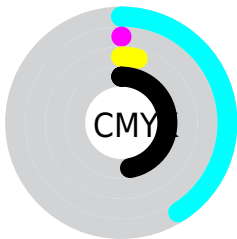
Distribution



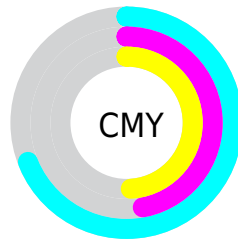
- Red (31%)
- Green (53%)
- Blue (51%)



- Red (31%)
- Yellow (42%)
- Blue (53%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)



- Cyan (69%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.6860, 6.0708, -33.9276 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 117.6860, 6.0708, -33.9276 by changing the saturation by 10% instead.

■ 117.6860, 6.0708,
-33.9276

■ 117.6860, 6.0708,
-33.9276

■ 255.0000, 0.0000,
0.0000

■ 92.3870, 6.2182,
-34.5424

■ 170.3870, 6.2182,
-34.5424

■ 67.2020, 6.8024,
-35.2572

■ 197.9740, 5.9288,
-35.0572

■ 43.0060, 7.3920,
-37.7163

■ 226.6750, 6.0762,
-35.6720

■ 26.9970, 4.4385,
-23.6764

■ 242.7410, 6.0437,
-25.2059

■ 11.6890, 1.6323,
-10.2513

■ 251.4120, 1.7689,
-7.3773

■ 0.0000, 0.0000,
0.0000

■ 117.6860, 6.0708,
-33.9276

■ 117.6860, 6.0708,
-33.9276

■ 113.6850, 7.5503,
-41.8197

■ 121.9860, 4.4439,
-25.4207

■ 109.3850, 9.1772,
-50.3266

■ 125.9870, 2.9644,
-17.5286

■ 105.2700, 10.2199,
-58.1188

■ 130.4010, 1.7743,
-9.1217

■ 100.9700, 11.8468,
-66.6257

■ 134.4020, 0.2948,
-1.2296

■ 96.6700, 13.4737,
-75.1326

■ 138.7020, -1.3321,
7.2773

■ 93.2670, 14.6584,
-81.7952

■ 142.7030, -2.8116,
15.1695

■ 147.0030, -4.4385,
23.6764

■ 151.1180, -5.4812,

31.4685

■ 155.4180, -7.1081,
39.9754

Harmonies

Analogous

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



119.5320, -3.7133, -22.3916



117.6860, 6.0708, -33.9276



118.0260, 13.7912, -36.8568

Triad

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



117.6860, 6.0708, -33.9276



127.5460, 12.0558, 6.5372



125.4080, -15.4841, 19.8132

Complementary

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



117.6860, 6.0708, -33.9276



96.3140, -6.0708, 33.9276

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.



126.7170, -10.7065, 27.4352



117.6860, 6.0708, -33.9276



128.0980, 4.8817, 20.9621

Square

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



117.6860, 6.0708, -33.9276



124.9890, 16.7674, -11.3914



127.9650, -3.4337, 28.0947



124.1030, -16.3198, 7.8027

Rectangle

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



117.6860, 6.0708, -33.9276



119.8570, 16.8325, -32.3236



127.9650, -3.4337, 28.0947



126.0710, -14.3320, 23.6167

Sweetspot

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



117.6860, 6.0708, -33.9276



169.4930, 2.2220, -12.7104



113.6660, -17.0903, -25.1401



85.2980, 1.3321, -7.2773



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



117.6860, 6.0708, -33.9276



148.7760, 9.4774, -53.3006



105.3420, 14.6214, -23.1019



64.2060, 0.8844, -3.6887



89.7620, 13.9213, -78.7213



1.9890, 0.0054, -1.7444

Inverse Universe

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



96.3140, -6.0708, 33.9276



115.2240, -9.4774, 53.3006



108.6580, -14.6214, 23.1019



61.7940, -0.8844, 3.6887



40.2380, -13.9213, 78.7213



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 117.6860, 6.0708, -33.9276 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 117.6860, 6.0708, -33.9276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

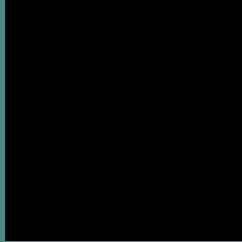
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.6860, 6.0708, -33.9276

Background



This preview shows how black text looks on a background with the YUV color 117.6860, 6.0708, -33.9276.



This preview shows how white text looks on a background with the YUV color 117.6860, 6.0708,

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

117.6860, 6.0708, -33.9276

Protanopia

124.8970, -0.4422, 1.8443

Deuteranopia

125.9560, 3.4727, 6.1776



Tritanopia

119.3040, 12.1751, -31.8386

Trichromacy



Original Color

117.6860, 6.0708, -33.9276

Protanomaly

122.3900, 1.7797, -10.8660

Deuteranomaly

122.7970, 4.5371, -8.5920

Tritanomaly

119.0220, 9.8492, -32.4683

Monochromacy



Original Color

117.6860, 6.0708, -33.9276

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7920, 2.0745, -12.0956

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6860, 6.0708, -33.9276 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(79, 135, 130)` looks like.

```
.text, #text, p{  
    color:rgb(79, 135, 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(79, 135, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 135, 130) }
```

Border

The CSS property to change the border of an element to YUV 117.6860, 6.0708, -33.9276 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(79, 135, 130) }
```


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

```
.border{ border-color:rgb(79, 135, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 135, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 135, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 135, 130);  
box-shadow:4px 4px 4px 4px rgb(79, 135,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 117.6860, 6.0708, -33.9276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 135, 130) }
```

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

```
.background{ background-color: rgb(79, 135,  
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](#).

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