

Converting Colors

YUV(117.8880, 3.0132,
-33.2278)

Have a look what the booklet for
YUV(117.8880, 3.0132, -33.2278)
contains.

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Color

**YUV(117.8880, 3.0132,
-33.2278)**

Conversions

Conversions Part 1

Format	Color
Hex	50887C
RGB	80, 136, 124
RGB Percent	31%, 53%, 49%
CMY	0.6863, 0.4667, 0.5137
CMYK	0.41, 0.00, 0.09, 0.47
HSL	167°, 26%, 42%
HSV	167°, 41%, 53%
XYZ	15.7505, 20.7690, 22.2475
YIQ	117.8880, -29.5240, -15.6040

Conversions

Conversions Part 2

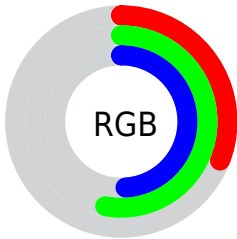
Format	Color
RYB	80, 111, 136
Decimal	5277820
CIELab	52.70, -21.47, 0.64
CIElCh	53, 21.477, 178.284
Yxy	20.7690, 0.2680, 0.3534
Android (android.graphics.Color)	4283467900 (0xFF50887C)
YUV	117.8880, 3.0132, -33.2278
Hunter-Lab	45.5730, -18.0614, 2.9574

Details

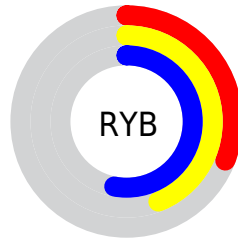
The YUV color **117.8880, 3.0132, -33.2278** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **98.1120, -3.0132, 33.2278**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0620, 2.4344, -34.2574**, and **67.4040, 3.7448, -34.5573** is the 20% darker color. If you saturate the color by 10%, you get **113.3600, 3.7665, -41.5347**, and if you desaturate by 10%, it is **122.4160, 2.2599, -24.9208**.

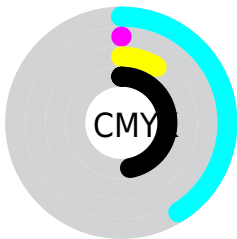
Distribution



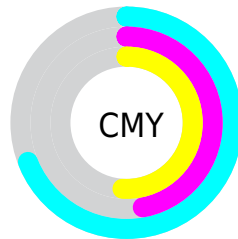
- Red (31%)
- Green (53%)
- Blue (49%)



- Red (31%)
- Yellow (44%)
- Blue (53%)



- Cyan (41%)
- Magenta (0%)
- Yellow (9%)
- Black (47%)



- Cyan (69%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8880, 3.0132, -33.2278 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 117.8880, 3.0132, -33.2278 by changing the saturation by 10% instead.

■ 117.8880, 3.0132,
-33.2278

■ 117.8880, 3.0132,
-33.2278

■ 255.0000, 0.0000,
0.0000

■ 92.3010, 3.3026,
-32.7130

■ 171.0620, 2.4344,
-34.2574

■ 67.4040, 3.7448,
-34.5573

■ 198.1760, 2.8712,
-34.3574

■ 42.4360, 5.2081,
-37.2164

■ 226.7630, 2.5818,
-34.8722

■ 27.1280, 2.4019,
-23.7913

■ 243.0400, 5.8963,
-24.5911

■ 10.8910, -1.4253,
-9.5514

■ 251.7110, 1.6215,
-6.7625

■ 0.0000, 0.0000,
0.0000

■ 117.8880, 3.0132,
-33.2278

■ 117.8880, 3.0132,
-33.2278

■ 113.3600, 3.7665,
-41.5347

■ 122.4160, 2.2599,
-24.9208

■ 109.1310, 4.3724,
-49.2269

■ 126.6450, 1.6540,
-17.2287

■ 104.6030, 5.1257,
-57.5338

■ 131.1730, 0.9007,
-8.9217

■ 100.3740, 5.7316,
-65.2260

■ 135.4020, 0.2948,
-1.2296

■ 95.8460, 6.4849,
-73.5329

■ 139.9300, -0.4585,
7.0774

■ 92.0300, 7.3802,
-80.7103

■ 144.3440, -1.6486,
15.4843

■ 148.5730, -2.2545,
23.1765

■ 153.1010, -3.0078,

31.4834

■ 157.3300, -3.6137,
39.1756

Harmonies

Analogous

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



120.3430, -7.0711, -18.7178



117.8880, 3.0132, -33.2278



117.0640, 12.7864, -41.2751

Triad

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



117.8880, 3.0132, -33.2278



127.0120, 15.2771, -0.0105



126.4410, -15.5004, 25.0462

Complementary

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



117.8880, 3.0132, -33.2278



98.1120, -3.0132, 33.2278

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.



127.4940, -9.1175, 31.1388



117.8880, 3.0132, -33.2278



128.2870, 8.2395, 17.2883

Square

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



117.8880, 3.0132, -33.2278



123.8030, 18.8311, -19.9982



128.4750, -0.2342, 28.5244



124.7940, -17.6464, 13.3357

Rectangle

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



117.8880, 3.0132, -33.2278



117.9270, 17.2910, -39.4010



128.4750, -0.2342, 28.5244



126.9190, -13.7641, 28.1350

Sweetspot

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



117.8880, 3.0132, -33.2278



169.1510, 0.9116, -12.4104



116.4600, -17.9748, -21.4514



85.1840, 0.8953, -7.1774



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.



117.8880, 3.0132, -33.2278



148.1200, 4.3778, -50.9712



109.8640, 12.8850, -26.1907



66.6790, 0.1583, -4.1035



89.9270, 6.9380, -78.8660



3.3910, 0.3002, -2.9739

Inverse Universe

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



98.1120, -3.0132, 33.2278



117.7660, -4.8146, 51.0712



106.1360, -12.8850, 26.1907



64.2070, -0.5951, 4.2035



42.9590, -7.3748, 78.9660



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 117.8880, 3.0132, -33.2278 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 117.8880, 3.0132, -33.2278 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 117.8880, 3.0132, -33.2278

Background



This preview shows how black text looks on a background with the YUV color 117.8880, 3.0132, -33.2278.



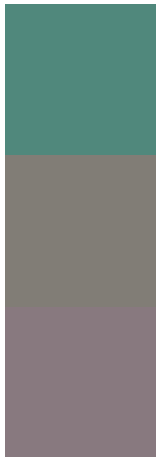
This preview shows how white text looks on a background with the YUV color 117.8880, 3.0132,

-33.2278.

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

117.8880, 3.0132, -33.2278

Protanopia

125.3980, -3.6472, 3.1590

Deuteranopia

126.1690, 0.4097, 8.6218



Tritanopia

119.9020, 11.8803, -30.6091

Trichromacy



Original Color

117.8880, 3.0132, -33.2278

Protanomaly

122.5920, -1.2779, -10.1662

Deuteranomaly

123.0100, 1.4741, -6.1478

Tritanomaly

119.0930, 8.8282, -31.6536

Monochromacy



Original Color

117.8880, 3.0132, -33.2278

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1510, 0.9116, -12.4104

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8880, 3.0132, -33.2278 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(80, 136, 124)` looks like.

```
.text, #text, p{  
    color:rgb(80, 136, 124)  
}
```

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(80, 136, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 136, 124) }
```

Border

The CSS property to change the border of an element to YUV 117.8880, 3.0132, -33.2278 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(80, 136, 124) }
```


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

```
.border{ border-color:rgb(80, 136, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 136, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 136, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 136, 124);  
box-shadow:4px 4px 4px 4px rgb(80, 136,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 117.8880, 3.0132, -33.2278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 136, 124) }
```

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

```
.background{ background-color: rgb(80, 136,  
124) }
```

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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