

Converting Colors

YUV(122.8080, -2.3703,
-33.1576)

Have a look what the booklet for
YUV(122.8080, -2.3703, -33.1576)
contains.

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Color

**YUV(122.8080, -2.3703,
-33.1576)**

Conversions

Conversions Part 1

Format	Color
Hex	558F76
RGB	85, 143, 118
RGB Percent	33%, 56%, 46%
CMY	0.6667, 0.4392, 0.5373
CMYK	0.41, 0.00, 0.17, 0.44
HSL	154°, 25%, 45%
HSV	154°, 41%, 56%
XYZ	16.8388, 22.8842, 20.6691
YIQ	122.8080, -26.5430, -20.0710

Conversions

Conversions Part 2

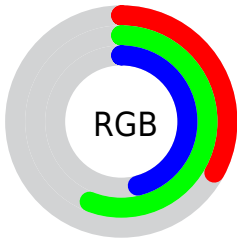
Format	Color
R_{YB}	85, 122, 143
Decimal	5607286
CIE _{Lab}	54.95, -25.01, 7.39
CIE _{LCh}	55, 26.080, 163.541
Yxy	22.8842, 0.2788, 0.3789
Android (android.graphics.Color)	4283797366 (0xFF558F76)
YUV	122.8080, -2.3703, -33.1576
Hunter-Lab	47.8375, -20.8835, 7.8688

Details

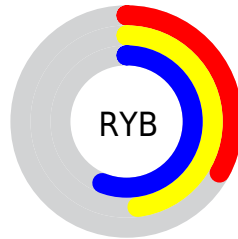
The YUV color **122.8080, -2.3703, -33.1576** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **105.1920, 2.3703, 33.1576**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9820, -2.9491, -34.1872**, and **72.1500, -1.0600, -33.4576** is the 20% darker color. If you saturate the color by 10%, you get **117.9380, -2.9274, -41.1646**, and if you desaturate by 10%, it is **127.6780, -1.8133, -25.1506**.

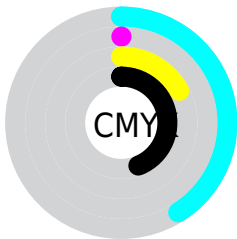
Distribution



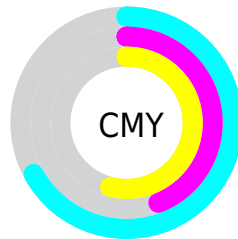
- Red (33%)
- Green (56%)
- Blue (46%)



- Red (33%)
- Yellow (48%)
- Blue (56%)



- Cyan (41%)
- Magenta (0%)
- Yellow (17%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8080, -2.3703, -33.1576 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 122.8080, -2.3703, -33.1576 by changing the saturation by 10% instead.

■ 122.8080, -2.3703,
-33.1576

■ 122.8080, -2.3703,
-33.1576

■ 255.0000, 0.0000,
0.0000

■ 97.2210, -2.0810,
-32.6428

■ 175.9820, -2.9491,
-34.1872

■ 72.1500, -1.0600,
-33.4576

■ 203.5690, -3.2385,
-34.7020

■ 46.1710, 0.4087,
-37.8610

■ 232.1560, -3.5279,
-35.2168

■ 30.0800, -1.5184,
-26.3802

■ 244.4210, 4.7224,
-21.4172

■ 15.2620, -7.5242,
-13.3848

■ 253.2060, 0.8844,
-3.6887

■ 0.0000, 0.0000,
0.0000

■ 122.8080, -2.3703,
-33.1576

■ 122.8080, -2.3703,
-33.1576

■ 117.9380, -2.9274,
-41.1646

■ 127.6780, -1.8133,
-25.1506

■ 112.7690, -3.3371,
-49.7864

■ 132.8470, -1.4036,
-16.5288

■ 107.8990, -3.8942,
-57.7934

■ 137.7170, -0.8465,
-8.5218

■ 102.9150, -4.8881,
-65.7005

■ 142.7010, 0.1474,
-0.6148

■ 97.7460, -5.2978,
-74.3222

■ 147.8700, 0.5571,
8.0070

■ 93.1750, -6.0023,
-81.7145

■ 152.7400, 1.1142,
16.0140

■ 157.6100, 1.6713,
24.0210

■ 162.4800, 2.2284,

32.0280

■ 167.6490, 2.6380,
40.6498

Harmonies

Analogous

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



126.2530, -13.9287, -12.4999



122.8080, -2.3703, -33.1576



119.1400, 10.7770, -50.1118

Triad

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



122.8080, -2.3703, -33.1576



131.2430, 21.5722, -12.4911



132.7950, -15.6749, 34.3828

Complementary

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



122.8080, -2.3703, -33.1576



105.1920, 2.3703, 33.1576

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.



134.0370, -5.9342, 36.8016



122.8080, -2.3703, -33.1576



134.2630, 14.6603, 11.1703

Square

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



122.8080, -2.3703, -33.1576



125.0720, 24.1215, -36.8971



134.8540, 5.0020, 29.0690



131.3500, -20.8785, 23.3721

Rectangle

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



122.8080, -2.3703, -33.1576



118.4690, 18.5028, -54.7853



134.8540, 5.0020, 29.0690



133.3160, -12.4808, 36.5569

Sweetspot

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



122.8080, -2.3703, -33.1576



178.3960, -0.6882, -12.6253



126.5210, -20.4699, -14.4889



89.5430, -0.2677, -7.4922



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.



122.8080, -2.3703, -33.1576



154.3450, -3.6211, -52.0456



123.3100, 9.7072, -33.5979



68.5650, -0.2785, -4.0035



88.0230, -5.4343, -77.1962



5.1520, -0.5679, -4.5183

Inverse Universe

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



105.1920, 2.3703, 33.1576



126.6550, 3.6211, 52.0456



104.6900, -9.7072, 33.5979



66.4350, 0.2785, 4.0035



46.9770, 5.4343, 77.1962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 122.8080, -2.3703, -33.1576 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 122.8080, -2.3703, -33.1576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

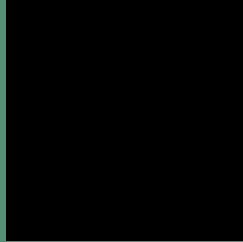
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.8080, -2.3703, -33.1576

Background



This preview shows how black text looks on a background with the YUV color 122.8080, -2.3703, -33.1576.



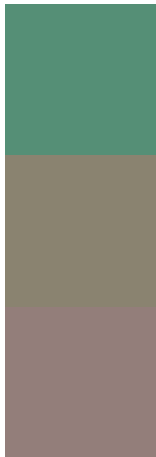
This preview shows how white text looks on a background with the YUV color 122.8080, -2.3703, -33.1576.

-33.1576.

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

122.8080, -2.3703, -33.1576

Protanopia

130.9270, -9.3310, 6.2030

Deuteranopia

131.8230, -4.8427, 13.3102



Tritanopia

126.5000, 11.5855, -29.3795

Trichromacy



Original Color

122.8080, -2.3703, -33.1576

Protanomaly

127.8220, -6.8142, -7.7369

Deuteranomaly

128.3540, -3.6255, -3.8185

Tritanomaly

124.8220, 6.4968, -30.5389

Monochromacy



Original Color

122.8080, -2.3703, -33.1576

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.6950, -0.8356, -12.0105

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8080, -2.3703, -33.1576 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(85, 143, 118)` looks like.

```
.text, #text, p{  
    color:rgb(85, 143, 118)  
}
```

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(85, 143, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 143, 118) }
```

Border

The CSS property to change the border of an element to YUV 122.8080, -2.3703, -33.1576 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(85, 143, 118) }
```


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

```
.border{ border-color:rgb(85, 143, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 143, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 143, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 143, 118);  
box-shadow:4px 4px 4px 4px rgb(85, 143,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 122.8080, -2.3703, -33.1576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 143, 118) }
```

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

```
.background{ background-color: rgb(85, 143,  
118) }
```

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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