

Converting Colors

YUV(172.2480, -3.0803,
-38.8055)

Have a look what the booklet for
YUV(172.2480, -3.0803, -38.8055)
contains.

YUV(172.2480, -3.0803, -38.8055)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(172.2480, -3.0803,
-38.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	80C4A6
RGB	128, 196, 166
RGB Percent	50%, 77%, 65%
CMY	0.4980, 0.2314, 0.3490
CMYK	0.35, 0.00, 0.15, 0.23
HSL	154°, 37%, 64%
HSV	154°, 35%, 77%
XYZ	35.5249, 46.8222, 43.2416
YIQ	172.2480, -30.8980, -23.7460

Conversions

Conversions Part 2

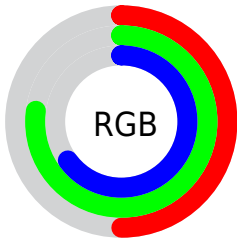
Format	Color
RYB	128, 172, 196
Decimal	8438950
CIELab	74.08, -28.09, 8.29
CIELCh	74, 29.292, 163.551
Yxy	46.8222, 0.2829, 0.3728
Android (android.graphics.Color)	4286629030 (0xFF80C4A6)
YUV	172.2480, -3.0803, -38.8055
Hunter-Lab	68.4268, -27.0755, 10.4310

Details

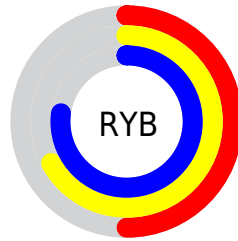
The YUV color **172.2480, -3.0803, -38.8055** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **151.7520, 3.0803, 38.8055**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.4220, -3.6590, -39.8351**, and **118.7750, -2.3541, -38.3907** is the 20% darker color. If you saturate the color by 10%, you get **165.2420, -4.0633, -50.2012**, and if you desaturate by 10%, it is **179.2540, -2.0972, -27.4098**.

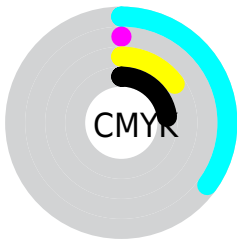
Distribution



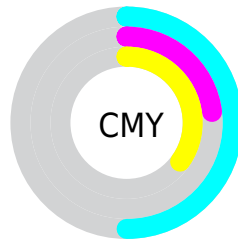
- Red (50%)
- Green (77%)
- Blue (65%)



- Red (50%)
- Yellow (67%)
- Blue (77%)



- Cyan (35%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)



- Cyan (50%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.2480, -3.0803, -38.8055 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 172.2480, -3.0803, -38.8055 by changing the saturation by 10% instead.

■ 172.2480, -3.0803,
-38.8055

■ 172.2480, -3.0803,
-38.8055

255.0000, 0.0000,
0.0000

■ 145.3620, -2.6435,
-38.9055

■ 228.4220, -3.6590,
-39.8351

■ 118.7750, -2.3541,
-38.3907

■ 241.2740, 4.3019,
-26.5503

■ 93.0030, -1.4805,
-38.5906

■ 250.5150, 2.2111,
-9.2217

■ 66.9210, -0.4541,
-41.1497

■ 44.3450, -0.1701,
-38.8906

■ 28.4500, -2.6868,
-24.9506

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 172.2480, -3.0803,
-38.8055

■ 172.2480, -3.0803,
-38.8055

■ 165.2420, -4.0633,
-50.2012

■ 179.2540, -2.0972,
-27.4098

■ 158.6490, -4.7570,
-61.0822

■ 185.8470, -1.4036,
-16.5288

■ 151.6430, -5.7400,
-72.4779

■ 192.8530, -0.4205,
-5.1331

■ 144.9360, -6.8704,
-83.2589

■ 199.5600, 0.7099,
5.6479

■ 138.0440, -7.4167,
-94.7546

■ 206.4520, 1.2562,
17.1436

■ 131.0380, -8.3997,
-106.1503

■ 213.4580, 2.2392,
28.5393

■ 127.5920, -8.6729,
-111.8982

■ 217.1750, 4.8437,
33.1725

■ 218.0870, 8.3381,
32.3727

■ 219.1130, 12.2693,
31.4729

Harmonies

Analogous

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



176.4330, -16.9755, -15.2887



172.2480, -3.0803, -38.8055



168.8510, 12.3985, -56.8743

Triad

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



172.2480, -3.0803, -38.8055



181.9700, 25.6508, -14.0057



184.0410, -18.7542, 42.0600

Complementary

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



172.2480, -3.0803, -38.8055



151.7520, 3.0803, 38.8055

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.



185.1520, -6.9769, 44.5937



172.2480, -3.0803, -38.8055



185.6700, 17.4177, 13.4444

Square

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



172.2480, -3.0803, -38.8055



175.4780, 28.3583, -42.5152



186.4140, 5.7119, 34.7169



181.9440, -25.1154, 28.9901

Rectangle

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



172.2480, -3.0803, -38.8055



168.7070, 20.8504, -61.1330



186.4140, 5.7119, 34.7169



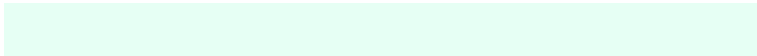
184.6760, -15.1233, 44.1341

Sweetspot

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



172.2480, -3.0803, -38.8055



246.2710, -1.1196, -14.2697



177.1850, -24.2482, -15.9482



122.4180, -0.6991, -9.1366



0.0000, 0.0000, 0.0000



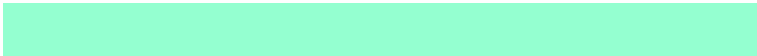
128.0000, 0.0000, 0.0000

Same Dimension

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



172.2480, -3.0803, -38.8055



217.6490, -4.7570, -61.0822



173.9070, 10.8918, -40.2604



93.5540, -0.2731, -5.7479



104.7670, -7.2801, -91.8807



21.5370, -1.2507, -18.8879

Inverse Universe

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



151.7520, 3.0803, 38.8055



185.3510, 4.7570, 61.0822



150.0930, -10.8918, 40.2604



90.4460, 0.2731, 5.7479



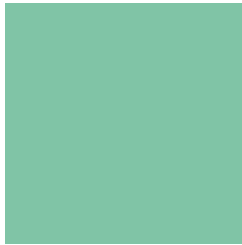
56.2330, 7.2801, 91.8807



11.5770, 1.6875, 18.7880

Previews

White Background



This preview shows how the YUV color 172.2480, -3.0803, -38.8055 looks on a white background.

Color Contrast Check

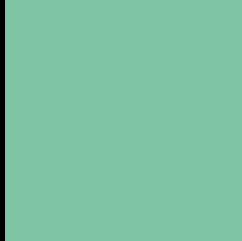
Large Text (above 18pt) WCAG AA × Fail

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 172.2480, -3.0803, -38.8055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

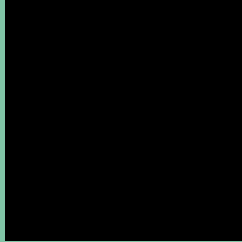
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.2480, -3.0803, -38.8055

Background



This preview shows how black text looks on a background with the YUV color 172.2480, -3.0803, -38.8055.



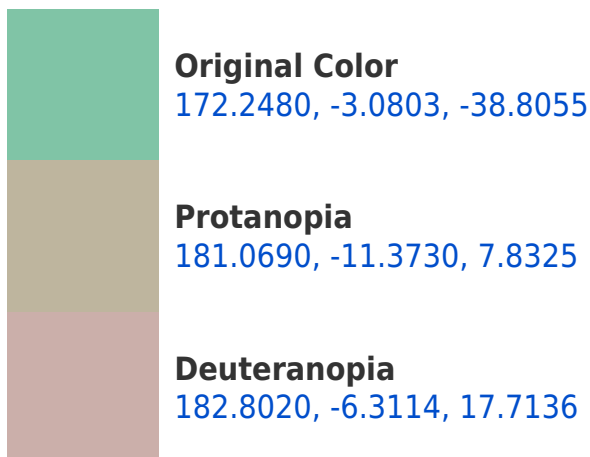
This preview shows how white text looks on a background with the YUV color 172.2480, -3.0803, -38.8055.

-38.8055.

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





Tritanopia

175.9770, 14.8013, -34.1828

Trichromacy



Original Color

172.2480, -3.0803, -38.8055

Protanomaly

177.4690, -8.1192, -9.1813

Deuteranomaly

179.3110, -5.0833, -2.9037

Tritanomaly

174.5440, 8.1128, -35.5571

Monochromacy



Original Color

172.2480, -3.0803, -38.8055

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2710, -1.1196, -14.2697

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.2480, -3.0803, -38.8055 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(128, 196, 166)` looks like.

```
.text, #text, p{  
    color:rgb(128, 196, 166)  
}
```

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(128, 196, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 196, 166) }
```

Border

The CSS property to change the border of an element to YUV 172.2480, -3.0803, -38.8055 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(128, 196, 166) }
```


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

```
.border{ border-color:rgb(128, 196, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 196, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 196, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 196, 166);  
box-shadow:4px 4px 4px 4px rgb(128, 196,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 172.2480, -3.0803, -38.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 196, 166) }
```

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

```
.background{ background-color: rgb(128,  
196, 166) }
```

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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