

Converting Colors

YUV(178.2760, -5.5591,
-37.0761)

Have a look what the booklet for
YUV(178.2760, -5.5591, -37.0761)
contains.

YUV(178.2760, -5.5591, -37.0761)	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(178.2760, -5.5591,
-37.0761)**

Conversions

Conversions Part 1

Format	Color
Hex	88CAA7
RGB	136, 202, 167
RGB Percent	53%, 79%, 65%
CMY	0.4667, 0.2078, 0.3451
CMYK	0.33, 0.00, 0.17, 0.21
HSL	148°, 38%, 66%
HSV	148°, 33%, 79%
XYZ	38.2489, 50.2653, 44.2455
YIQ	178.2760, -28.1010, -24.8770

Conversions

Conversions Part 2

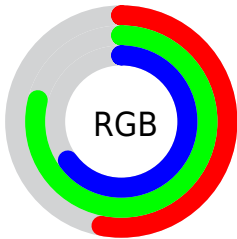
Format	Color
RYB	136, 181, 202
Decimal	8964775
CIELab	76.23, -28.41, 10.88
CIELCh	76, 30.419, 159.038
Yxy	50.2653, 0.2881, 0.3786
Android (android.graphics.Color)	4287154855 (0xFF88CAA7)
YUV	178.2760, -5.5591, -37.0761
Hunter-Lab	70.8980, -27.7723, 12.6274

Details

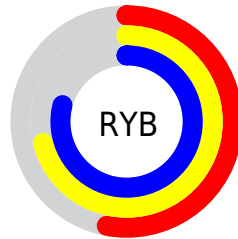
The YUV color **178.2760, -5.5591, -37.0761** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **159.7240, 5.5591, 37.0761**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1020, -4.9803, -36.0465**, and **124.8030, -4.8329, -36.6612** is the 20% darker color. If you saturate the color by 10%, you get **171.0420, -7.4157, -48.2718**, and if you desaturate by 10%, it is **185.5100, -3.7024, -25.8803**.

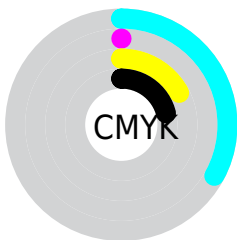
Distribution



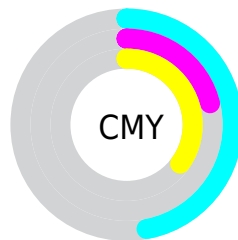
- Red (53%)
- Green (79%)
- Blue (65%)



- Red (53%)
- Yellow (71%)
- Blue (79%)



- Cyan (33%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (47%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2760, -5.5591, -37.0761 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 178.2760, -5.5591, -37.0761 by changing the saturation by 10% instead.

■ 178.2760, -5.5591,
-37.0761

■ 178.2760, -5.5591,
-37.0761

255.0000, 0.0000,
0.0000

■ 150.8030, -4.8329,
-36.6612

■ 232.1020, -4.9803,
-36.0465

■ 124.8030, -4.8329,
-36.6612

■ 243.7800, 3.5595,
-21.7321

■ 99.2160, -4.5435,
-36.1464

■ 252.9070, 1.0318,
-4.3034

■ 73.2590, -3.0857,
-37.0611

■ 47.3940, -1.1802,
-41.5645

■ 31.4990, -3.6970,
-27.6246

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 178.2760, -5.5591,
-37.0761

■ 178.2760, -5.5591,
-37.0761

■ 171.0420, -7.4157,
-48.2718

■ 185.5100, -3.7024,
-25.8803

■ 163.9220, -8.8355,
-59.5676

■ 192.6300, -2.2826,
-14.5845

■ 156.3890,
-10.5448, -71.3782

■ 200.1630, -0.5734,
-2.7740

■ 149.1550,
-12.4014, -82.5739

■ 207.3970, 1.2833,
8.4218

■ 141.9210,
-14.2581, -93.7697

■ 214.6310, 3.1399,
19.6176

■ 134.8010,
-15.6779, -105.0655

■ 221.1530, 4.8546,
29.6838

■ 129.4040,
-16.9612, -113.4873

■ 222.4070, 9.6593,
28.5841

■ 223.6610, 14.4641,
27.4843

■ 223.8890, 15.3377,
27.2843

Harmonies

Analogous

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



182.2870, -18.8755, -12.5297



178.2760, -5.5591, -37.0761



174.6830, 10.5093, -57.6040

Triad

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



178.2760, -5.5591, -37.0761



187.0940, 27.5617, -20.2534



189.9920, -17.7441, 44.7340

Complementary

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



178.2760, -5.5591, -37.0761



159.7240, 5.5591, 37.0761

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.



191.5050, -5.6720, 46.0381



178.2760, -5.5591, -37.0761



191.6310, 19.9019, 9.9706

Square

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



178.2760, -5.5591, -37.0761



179.7870, 29.6850, -48.0482



192.6850, 8.0433, 33.6023



187.8520, -25.5630, 32.5788

Rectangle

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



178.2760, -5.5591, -37.0761



173.7560, 19.8403, -63.8070



192.6850, 8.0433, 33.6023



190.6270, -14.1131, 46.8081

Sweetspot

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



178.2760, -5.5591, -37.0761



245.9290, -2.4300, -13.9697



185.2070, -24.2591, -12.4595



122.1900, -1.5727, -8.9366



0.0000, 0.0000, 0.0000



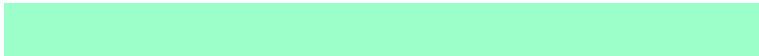
128.0000, 0.0000, 0.0000

Same Dimension

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



178.2760, -5.5591, -37.0761



219.3570, -8.5570, -55.5641



182.0380, 8.8553, -40.3753



98.4400, -0.7099, -5.6479



106.3340, -13.9687, -93.2549



24.3580, -3.1345, -21.3620

Inverse Universe

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



159.7240, 5.5591, 37.0761



191.5290, 8.1202, 55.6641



155.9620, -8.8553, 40.3753



95.5600, 0.7099, 5.6479



59.6660, 13.9687, 93.2549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 178.2760, -5.5591, -37.0761 looks on a white background.

Color Contrast Check

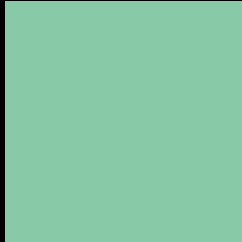
Large Text (above 18pt) WCAG AA × Fail

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 178.2760, -5.5591, -37.0761 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 178.2760, -5.5591, -37.0761 Background



This preview shows how black text looks on a background with the YUV color 178.2760, -5.5591, -37.0761.



This preview shows how white text looks on a background with the YUV color 178.2760, -5.5591, -37.0761.

-37.0761.

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

178.2760, -5.5591, -37.0761

Protanopia

186.7980, -13.7044, 8.9472

Deuteranopia

188.9440, -8.3534, 19.3431



Tritanopia

182.5750, 14.5065, -32.9533

Trichromacy



Original Color

178.2760, -5.5591, -37.0761

Protanomaly

183.4970, -10.5980, -7.4519

Deuteranomaly

185.3390, -7.5621, -1.1743

Tritanomaly

181.0280, 7.3812, -34.2276

Monochromacy



Original Color

178.2760, -5.5591, -37.0761

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.3420, -2.1406, -13.4549

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2760, -5.5591, -37.0761 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(136, 202, 167)` looks like.

```
.text, #text, p{  
    color:rgb(136, 202, 167)  
}
```

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(136, 202, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 202, 167) }
```

Border

The CSS property to change the border of an element to YUV 178.2760, -5.5591, -37.0761 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(136, 202, 167) }
```


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

```
.border{ border-color:rgb(136, 202, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 202, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 202, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 202, 167);  
box-shadow:4px 4px 4px 4px rgb(136, 202,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 178.2760, -5.5591, -37.0761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 202, 167) }
```

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

```
.background{ background-color: rgb(136,  
202, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor