

Converting Colors

YUV(179.7460, -8.7488,
-87.4772)

Have a look what the booklet for
YUV(179.7460, -8.7488, -87.4772)
contains.

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Color

**YUV(179.7460, -8.7488,
-87.4772)**

Conversions

Conversions Part 1

Format	Color
Hex	50EAA2
RGB	80, 234, 162
RGB Percent	31%, 92%, 64%
CMY	0.6863, 0.0824, 0.3647
CMYK	0.66, 0.00, 0.31, 0.08
HSL	152°, 79%, 62%
HSV	152°, 66%, 92%
XYZ	39.2527, 63.1597, 44.3046
YIQ	179.7460, -68.6720, -55.0400

Conversions

Conversions Part 2

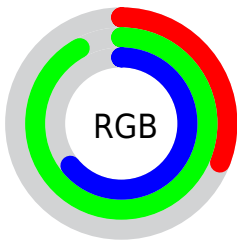
Format	Color
RYB	80, 180, 234
Decimal	5302946
CIELab	83.53, -56.65, 23.39
CIElCh	84, 61.287, 157.561
Yxy	63.1597, 0.2675, 0.4305
Android (android.graphics.Color)	4283493026 (0xFF50EAA2)
YUV	179.7460, -8.7488, -87.4772
Hunter-Lab	79.4731, -50.9148, 22.5782

Details

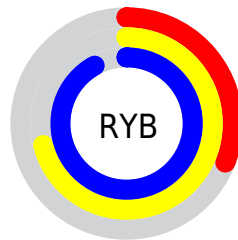
The YUV color **179.7460, -8.7488, -87.4772** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **134.2540, 8.7488, 87.4772**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.4790, -0.2361, -64.4411**, and **116.4390, -3.1744, -102.1170** is the 20% darker color. If you saturate the color by 10%, you get **171.6150, -10.1632, -100.5174**, and if you desaturate by 10%, it is **187.8770, -7.3344, -74.4371**.

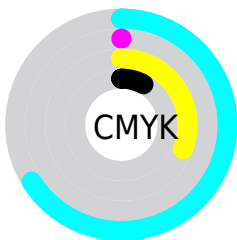
Distribution



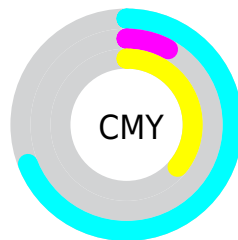
- Red (31%)
- Green (92%)
- Blue (64%)



- Red (31%)
- Yellow (71%)
- Blue (92%)



- Cyan (66%)
- Magenta (0%)
- Yellow (31%)
- Black (8%)



- Cyan (69%)
- Magenta (8%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.7460, -8.7488, -87.4772 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 179.7460, -8.7488, -87.4772 by changing the saturation by 10% instead.

■ 179.7460, -8.7488,
-87.4772

■ 179.7460, -8.7488,
-87.4772

255.0000, 0.0000,
0.0000

■ 147.5000, -5.6695,
-95.1545

■ 217.4790, -0.2361,
-64.4411

■ 116.4390, -3.1744,
-102.1170

■ 230.0540, 7.8614,
-48.2824

■ 97.7400, -6.2808,
-85.7180

■ 240.0500, 7.3704,
-30.7388

■ 79.1550, -8.9504,
-69.4189

■ 249.3190, 2.8007,
-11.6808

■ 61.3850, -11.0358,
-53.8346

■ 43.6150, -13.1212,
-38.2504

■ 28.7630, -14.1802,

-25.2252

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 179.7460, -8.7488,
-87.4772

■ 179.7460, -8.7488,
-87.4772

■ 171.6150,
-10.1632, -100.5174

■ 187.8770, -7.3344,
-74.4371

■ 163.1850,
-11.4302, -114.1722

■ 196.3070, -6.0674,
-60.7822

■ 155.0540,
-12.8446, -127.2124

■ 204.4380, -4.6529,
-47.7421


■ 151.6080,
-13.1177, -132.9602

■ 212.8680, -3.3859,
-34.0872

 220.9990, -1.9715,
-21.0471

 229.1300, -0.5571,
-8.0070

 237.5600, 0.7099,
5.6479

 242.1030, 3.8932,
11.3107

 242.6730, 6.0772,
10.8108

Harmonies

Analogous

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



194.5910, -40.2244, -25.0743



179.7460, -8.7488, -87.4772



164.3130, 27.9467, -144.1025

Triad

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



179.7460, -8.7488, -87.4772



191.5200, 31.2956, -51.3220



191.5220, -24.9073, 55.6702

Complementary

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



179.7460, -8.7488, -87.4772



134.2540, 8.7488, 87.4772

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.



191.3350, 2.2998, 55.8342



179.7460, -8.7488, -87.4772



208.2070, 23.0689, 20.8665

Square

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



179.7460, -8.7488, -87.4772



161.7320, 45.9811, -141.8390



202.5290, 24.8822, 46.0171



198.7020, -48.1671, 49.3733

Rectangle

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



179.7460, -8.7488, -87.4772



167.6020, 43.0872, -146.9870



202.5290, 24.8822, 46.0171



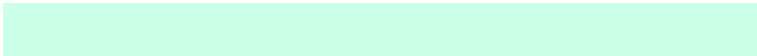
190.5250, -16.0348, 56.5446

Sweetspot

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



179.7460, -8.7488, -87.4772



237.0150, -2.9654, -28.9542



192.5240, -55.4743, -33.7855



117.0210, -1.9824, -17.5584



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.



179.7460, -8.7488, -87.4772



184.1850, -11.4302, -114.1722



186.1930, 23.5689, -93.1313



113.1410, -0.5625, -6.2627



117.1910, -10.4472, -102.7765



35.0040, -2.9600, -30.6985

Inverse Universe

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



134.2540, 8.7488, 87.4772



124.8150, 11.4302, 114.1722



127.8070, -23.5689, 93.1313



109.8590, 0.5625, 6.2627



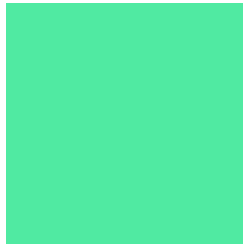
63.8090, 10.4472, 102.7765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 179.7460, -8.7488, -87.4772 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 179.7460, -8.7488, -87.4772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

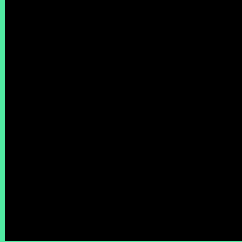
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.7460, -8.7488, -87.4772

Background



This preview shows how black text looks on a background with the YUV color 179.7460, -8.7488, -87.4772.



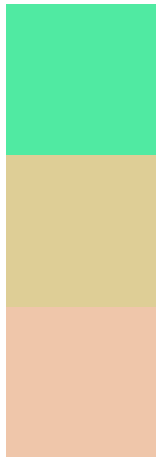
This preview shows how white text looks on a background with the YUV color 179.7460, -8.7488,

-87.4772.

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

179.7460, -8.7488, -87.4772

Protanopia

204.4000, -26.8192, 15.4352

Deuteranopia

207.0670, -18.2740, 28.0052



Tritanopia

191.6670, 24.8142, -72.4990

Trichromacy



Original Color

179.7460, -8.7488, -87.4772



Protanomaly

195.1780, -20.3008, -22.0811



Deuteranomaly

197.0140, -14.7969, -14.0443



Tritanomaly

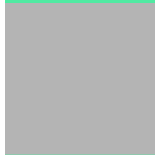
187.4200, 12.6109, -78.4213

Monochromacy



Original Color

179.7460, -8.7488, -87.4772



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.1780, -3.5388, -31.7281

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.7460, -8.7488, -87.4772 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, 234, 162)` looks like.

```
.text, #text, p{  
    color:rgb(80, 234, 162)  
}
```

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, 234, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 234, 162) }
```

Border

The CSS property to change the border of an element to YUV 179.7460, -8.7488, -87.4772 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, 234, 162) }
```


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

```
.border{ border-color:rgb(80, 234, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 234, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 234, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 234, 162);  
box-shadow:4px 4px 4px 4px rgb(80, 234,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 179.7460, -8.7488, -87.4772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 234, 162) }
```

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

```
.background{ background-color: rgb(80, 234,  
162) }
```

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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