

Converting Colors

YUV(179.0960, -5.9633,
-47.4422)

Have a look what the booklet for
YUV(179.0960, -5.9633, -47.4422)
contains.

YUV(179.0960, -5.9633, -47.4422)	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(179.0960, -5.9633,
-47.4422)**

Conversions

Conversions Part 1

Format	Color
Hex	7DD1A7
RGB	125, 209, 167
RGB Percent	49%, 82%, 65%
CMY	0.5098, 0.1804, 0.3451
CMYK	0.40, 0.00, 0.20, 0.18
HSL	150°, 48%, 65%
HSV	150°, 40%, 82%
XYZ	38.2330, 52.7509, 44.7261
YIQ	179.0960, -36.5820, -30.8700

Conversions

Conversions Part 2

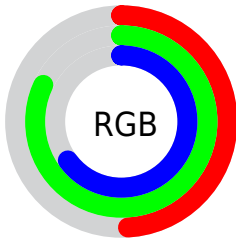
Format	Color
RYB	125, 181, 209
Decimal	8245671
CIELab	77.73, -34.91, 12.93
CIELCh	78, 37.222, 159.678
Yxy	52.7509, 0.2817, 0.3887
Android (android.graphics.Color)	4286435751 (0xFF7DD1A7)
YUV	179.0960, -5.9633, -47.4422
Hunter-Lab	72.6298, -33.1383, 14.3296

Details

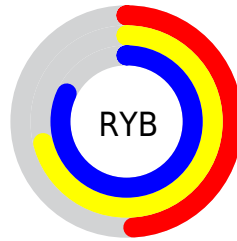
The YUV color **179.0960, -5.9633, -47.4422** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **154.9040, 5.9633, 47.4422**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1120, -3.5062, -42.1942**, and **124.4380, -4.6529, -47.7421** is the 20% darker color. If you saturate the color by 10%, you get **171.6770, -7.2358, -59.3527**, and if you desaturate by 10%, it is **186.5150, -4.6909, -35.5317**.

Distribution



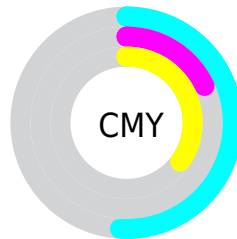
- Red (49%)
- Green (82%)
- Blue (65%)



- Red (49%)
- Yellow (71%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (51%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.0960, -5.9633, -47.4422 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 179.0960, -5.9633, -47.4422 by changing the saturation by 10% instead.

■ 179.0960, -5.9633,
-47.4422

■ 179.0960, -5.9633,
-47.4422

255.0000, 0.0000,
0.0000

■ 151.6230, -5.2371,
-47.0274

■ 229.1120, -3.5062,
-42.1942

■ 124.4380, -4.6529,
-47.7421

■ 240.7900, 5.0335,
-27.8798

■ 97.9540, -3.9213,
-49.0717

■ 249.9170, 2.5059,
-10.4512

■ 67.8110, -0.3998,
-58.5932

■ 50.2150, -3.0640,
-44.0386

■ 34.4340, -5.1440,
-30.1986

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 179.0960, -5.9633,
-47.4422

■ 179.0960, -5.9633,
-47.4422

■ 171.6770, -7.2358,
-59.3527

■ 186.5150, -4.6909,
-35.5317

■ 164.1440, -8.9450,
-71.1633

■ 194.0480, -2.9817,
-23.7211

■ 156.7250,
-10.2174, -83.0738

■ 201.4670, -1.7092,
-11.8106

■ 149.1920,
-11.9267, -94.8844

■ 209.0000, 0.0000,
0.0000

■ 141.7730,
-13.1991, -106.7949

■ 216.4190, 1.2724,
11.9105

■ 134.6530,
-14.6189, -118.0907

■ 223.6530, 3.1291,
23.1063

■ 226.2880, 6.7600,
25.1804

■ 227.5420, 11.5648,
24.0807

■ 227.9980, 13.3120,
23.6808

Harmonies

Analogous

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



184.8260, -23.0852, -15.6334



179.0960, -5.9633, -47.4422



172.0010, 14.7895, -77.1769

Triad

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



179.0960, -5.9633, -47.4422



190.2120, 31.9405, -24.7419



193.7220, -21.5549, 53.7408

Complementary

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



179.0960, -5.9633, -47.4422



154.9040, 5.9633, 47.4422

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.



194.4350, -6.1305, 53.1155



179.0960, -5.9633, -47.4422



196.0920, 24.1116, 13.0743

Square

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



179.0960, -5.9633, -47.4422



179.6370, 37.1540, -63.7026



197.1960, 9.7634, 41.9241



191.9900, -31.5471, 38.5968

Rectangle

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



179.0960, -5.9633, -47.4422



169.2520, 27.4838, -88.7980



197.1960, 9.7634, 41.9241



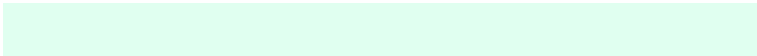
193.1010, -16.3188, 54.2854

Sweetspot

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



179.0960, -5.9633, -47.4422



244.0210, -1.9824, -17.5584



186.8660, -30.4999, -17.4225



121.5920, -1.2779, -10.1662



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.



179.0960, -5.9633, -47.4422



211.5680, -8.6610, -68.9041



183.8840, 12.3822, -51.6413



101.0270, -0.9993, -6.1627



108.1920, -11.9267, -94.8844



26.3470, -3.1291, -23.1063

Inverse Universe

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



154.9040, 5.9633, 47.4422



176.4320, 8.6610, 68.9041



150.1160, -12.3822, 51.6413



97.8590, 0.5625, 6.2627



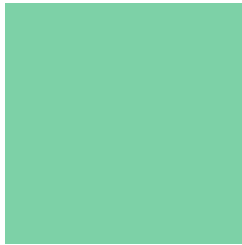
59.8080, 11.9267, 94.8844



14.5390, 2.6923, 23.2063

Previews

White Background



This preview shows how the YUV color 179.0960, -5.9633, -47.4422 looks on a white background.

Color Contrast Check

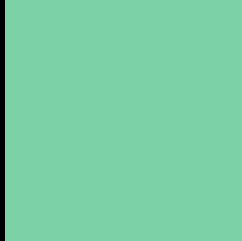
Large Text (above 18pt) WCAG AA × Fail

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 179.0960, -5.9633, -47.4422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

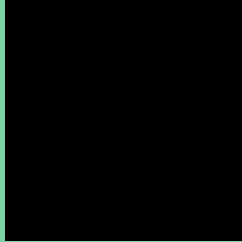
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.0960, -5.9633, -47.4422

Background



This preview shows how black text looks on a background with the YUV color 179.0960, -5.9633, -47.4422.



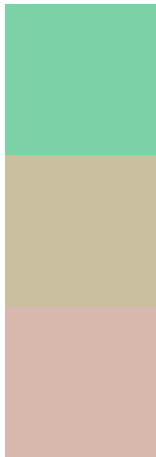
This preview shows how white text looks on a background with the YUV color 179.0960, -5.9633, -47.4422.

-47.4422.

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

179.0960, -5.9633, -47.4422

Protanopia

190.5270, -16.0358, 10.0618

Deuteranopia

192.2000, -9.9586, 20.8726



Tritanopia

184.3890, 16.5702, -41.5602

Trichromacy



Original Color

179.0960, -5.9633, -47.4422



Protanomaly

186.6060, -12.6238, -11.0555



Deuteranomaly

187.3880, -8.5723, -3.8483



Tritanomaly

182.7880, 7.9925, -43.6641

Monochromacy



Original Color

179.0960, -5.9633, -47.4422



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.0210, -1.9824, -17.5584

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.0960, -5.9633, -47.4422 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(125, 209, 167)` looks like.

```
.text, #text, p{  
    color:rgb(125, 209, 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(125, 209, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 209, 167) }
```

Border

The CSS property to change the border of an element to YUV 179.0960, -5.9633, -47.4422 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(125, 209, 167) }
```


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

```
.border{ border-color:rgb(125, 209, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 209, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 209, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 209, 167); box-shadow:4px 4px 4px 4px rgb(125, 209, 167) }
```

Background

The CSS property to change the background color of an element to YUV 179.0960, -5.9633, -47.4422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 209, 167) }
```

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

```
.background{ background-color: rgb(125,  
209, 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