

Converting Colors

YUV(179.0760, -25.6735,
-25.4997)

Have a look what the booklet for
YUV(179.0760, -25.6735, -25.4997)
contains.

YUV(179.0760, -25.6735, -25.4997)	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(179.0760, -25.6735,
-25.4997)**

Conversions

Conversions Part 1

Format	Color
Hex	96CC7F
RGB	150, 204, 127
RGB Percent	59%, 80%, 50%
CMY	0.4118, 0.2000, 0.5020
CMYK	0.26, 0.00, 0.38, 0.20
HSL	102°, 43%, 65%
HSV	102°, 38%, 80%
XYZ	38.0013, 51.2021, 27.9588
YIQ	179.0760, -7.4670, -35.3950

Conversions

Conversions Part 2

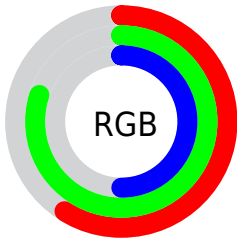
Format	Color
RYB	127, 204, 181
Decimal	9882751
CIELab	76.80, -31.66, 32.88
CIELCh	77, 45.645, 133.915
Yxy	51.2021, 0.3243, 0.4370
Android (android.graphics.Color)	4288072831 (0xFF96CC7F)
YUV	179.0760, -25.6735, -25.4997
Hunter-Lab	71.5556, -30.4257, 26.9227

Details

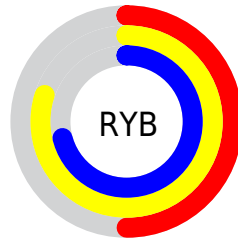
The YUV color **179.0760, -25.6735, -25.4997** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **151.9240, 25.6735, 25.4997**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.9130, -25.1001, -22.7257**, and **125.2440, -23.7843, -24.7700** is the 20% darker color. If you saturate the color by 10%, you get **172.6100, -32.3457, -32.1070**, and if you desaturate by 10%, it is **185.5420, -19.0012, -18.8923**.

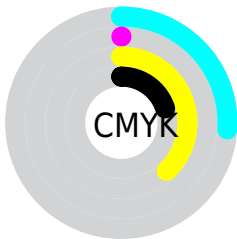
Distribution



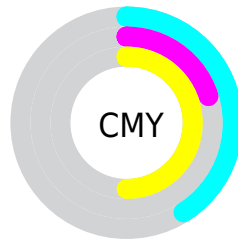
- Red (59%)
- Green (80%)
- Blue (50%)



- Red (50%)
- Yellow (80%)
- Blue (71%)



- Cyan (26%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)



- Cyan (41%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.0760, -25.6735, -25.4997 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 179.0760, -25.6735, -25.4997 by changing the saturation by 10% instead.

■ 179.0760,
-25.6735, -25.4997

■ 179.0760,
-25.6735, -25.4997

255.0000, 0.0000,
0.0000

■ 151.6030,
-24.9473, -25.0848

■ 231.9130,
-25.1001, -22.7257

■ 125.2440,
-23.7843, -24.7700

■ 243.3630,
-17.4340, -8.2114

■ 99.4720, -22.9107,
-24.9699

■ 252.9480, -7.8624,
1.7996

■ 74.5860, -22.4739,
-25.0699

■ 49.2760, -22.3211,
-27.4291

■ 29.9370, -14.7589,
-26.2547

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 179.0760,
-25.6735, -25.4997

■ 179.0760,
-25.6735, -25.4997

■ 172.6100,
-32.3457, -32.1070

■ 185.5420,
-19.0012, -18.8923

■ 165.7310,
-39.3074, -39.2291

■ 192.4210,
-12.0396, -11.7702

■ 159.2650,
-45.9796, -45.8364

■ 198.8870, -5.3673,
-5.1629

■ 152.6850,
-53.0887, -52.3437

■ 205.4670, 1.7418,
1.3444

■ 145.9200,
-59.6136, -59.5658

■ 212.2320, 8.2666,
8.5665

■ 139.4540,
-66.2858, -66.1732

■ 218.6980, 14.9389,
15.1739

■ 137.9870,
-68.0276, -67.5176

■ 223.5680, 15.4960,
23.1809

■ 225.0630, 14.7589,
26.2547

Harmonies

Analogous

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



184.2780, -38.5911, 11.1572



179.0760, -25.6735, -25.4997



169.8870, -2.4093, -67.4299

Triad

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



179.0760, -25.6735, -25.4997



168.8950, 42.4498, -82.3459



187.3110, -8.0413, 59.3633

Complementary

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



179.0760, -25.6735, -25.4997



151.9240, 25.6735, 25.4997

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.



193.9740, 9.8728, 53.5198



179.0760, -25.6735, -25.4997



186.3800, 33.8297, -24.0123

Square

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



179.0760, -25.6735, -25.4997



150.8410, 47.4064, -132.2876



194.4720, 27.8683, 21.5111



188.2620, -27.2442, 58.5292

Rectangle

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



179.0760, -25.6735, -25.4997



156.7260, 18.3761, -107.6307



194.4720, 27.8683, 21.5111



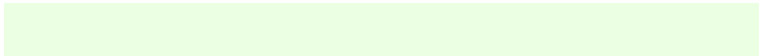
189.0210, -1.4894, 57.8636

Sweetspot

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



179.0760, -25.6735, -25.4997



245.8280, -9.2822, -9.4962



181.7210, -26.9775, 19.5387



122.4740, -5.6567, -5.6777



0.0000, 0.0000, 0.0000



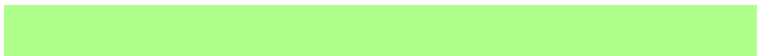
128.0000, 0.0000, 0.0000

Same Dimension

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



179.0760, -25.6735, -25.4997



217.9700, -38.4392, -37.6847



173.9090, -15.7311, -41.1392



98.7670, -3.3361, -3.3037



112.3920, -55.4093, -54.7178



25.5950, -12.6183, -12.7998

Inverse Universe

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



151.9240, 25.6735, 25.4997



177.3290, 38.2918, 38.2995



157.0910, 15.7311, 41.1392



95.2330, 3.3361, 3.3037



53.6080, 55.4093, 54.7178



12.4050, 12.6183, 12.7998

Previews

White Background



This preview shows how the YUV color 179.0760, -25.6735, -25.4997 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 179.0760, -25.6735, -25.4997 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 179.0760, -25.6735, -25.4997 Background



This preview shows how black text looks on a background with the YUV color 179.0760, -25.6735, -25.4997.



This preview shows how white text looks on a background with the YUV color 179.0760, -25.6735, -25.4997.

-25.4997.

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

179.0760, -25.6735, -25.4997

Protanopia

186.3310, -32.2082, 17.2497

Deuteranopia

188.5700, -27.8890, 31.9491



Tritanopia

186.5550, 11.5584, -20.6577

Trichromacy



Original Color

179.0760, -25.6735, -25.4997

Protanomaly

183.5140, -29.8334, 2.1802

Deuteranomaly

184.9650, -27.0977, 11.4317

Tritanomaly

183.9880, -1.9661, -22.7915

Monochromacy



Original Color

179.0760, -25.6735, -25.4997

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.8280, -9.2822, -9.4962

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.0760, -25.6735, -25.4997 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(150, 204, 127)` looks like.

```
.text, #text, p{  
    color:rgb(150, 204, 127)  
}
```

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(150, 204, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 204, 127) }
```

Border

The CSS property to change the border of an element to YUV 179.0760, -25.6735, -25.4997 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(150, 204, 127) }
```


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

```
.border{ border-color:rgb(150, 204, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 204, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 204, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 204, 127);  
box-shadow:4px 4px 4px 4px rgb(150, 204,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 179.0760, -25.6735, -25.4997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 204, 127) }
```

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

```
.background{ background-color: rgb(150,  
204, 127) }
```

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