

Converting Colors

YUV(179.8980, 1.0363,
-52.5305)

Have a look what the booklet for
YUV(179.8980, 1.0363, -52.5305)
contains.

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Color

**YUV(179.8980, 1.0363,
-52.5305)**

Conversions

Conversions Part 1

Format	Color
Hex	78D2B6
RGB	120, 210, 182
RGB Percent	47%, 82%, 71%
CMY	0.5294, 0.1765, 0.2863
CMYK	0.43, 0.00, 0.13, 0.18
HSL	161°, 50%, 65%
HSV	161°, 43%, 82%
XYZ	39.2358, 53.4637, 52.5075
YIQ	179.8980, -44.6520, -27.7880

Conversions

Conversions Part 2

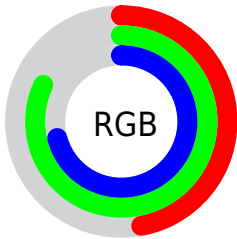
Format	Color
RYB	120, 173, 210
Decimal	7918262
CIELab	78.15, -33.52, 5.49
CIELCh	78, 33.963, 170.704
Yxy	53.4637, 0.2702, 0.3682
Android (android.graphics.Color)	4286108342 (0xFF78D2B6)
YUV	179.8980, 1.0363, -52.5305
Hunter-Lab	73.1188, -32.1743, 8.6063

Details

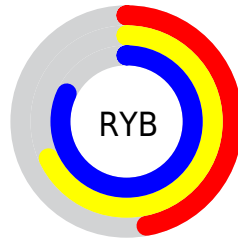
The YUV color **179.8980, 1.0363, -52.5305** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **150.1020, -1.0363, 52.5305**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.4410, 4.2196, -46.8678**, and **124.8270, 2.0573, -53.3453** is the 20% darker color. If you saturate the color by 10%, you get **172.8210, 1.0742, -64.7410**, and if you desaturate by 10%, it is **186.9750, 0.9983, -40.3201**.

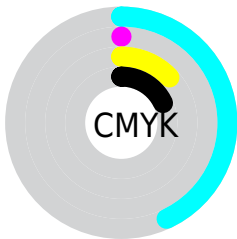
Distribution



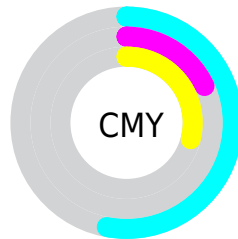
- Red (47%)
- Green (82%)
- Blue (71%)



- Red (47%)
- Yellow (68%)
- Blue (82%)



- Cyan (43%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)



- Cyan (53%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.8980, 1.0363, -52.5305 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 179.8980, 1.0363, -52.5305 by changing the saturation by 10% instead.

■ 179.8980, 1.0363,
-52.5305

■ 179.8980, 1.0363,
-52.5305

■ 255.0000, 0.0000,
0.0000

■ 152.0120, 1.4731,
-52.6305

■ 229.4410, 4.2196,
-46.8678

■ 124.8270, 2.0573,
-53.3453

■ 240.0500, 7.3704,
-30.7388

■ 97.1470, 3.3785,
-57.1339

■ 248.7210, 3.0955,
-12.9103

■ 69.5810, 5.1366,
-61.0225

■ 52.2840, 2.3250,
-45.8531

■ 36.3890, -0.1918,
-31.9132

■ 22.1410, -4.0135,

-19.4177

■ 0.0000, 0.0000,
0.0000

■ 179.8980, 1.0363,
-52.5305

■ 179.8980, 1.0363,
-52.5305

■ 172.8210, 1.0742,
-64.7410

■ 186.9750, 0.9983,
-40.3201

■ 165.8580, 1.5490,
-77.0515

■ 193.9380, 0.5236,
-28.0096

■ 158.7810, 1.5870,
-89.2619

■ 201.0150, 0.4856,
-15.7992

■ 151.8180, 2.0617,
-101.5724

■ 207.9780, 0.0108,
-3.4887


■ 144.7410, 2.0997,
-113.7829


■ 215.0550, -0.0271,
8.7218

 139.8000, 2.5636,
-122.6046

 222.0180, -0.5019,
21.0322

 225.5070, 1.2290,
25.8654

 226.1910, 3.8498,
25.2655

 226.9890, 6.9074,
24.5656

Harmonies

Analogous

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



185.1930, -16.3641, -24.7253



179.8980, 1.0363, -52.5305



175.1740, 19.1412, -72.9436

Triad

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



179.8980, 1.0363, -52.5305



194.6870, 28.2553, -9.3725



194.3960, -23.8592, 46.1337

Complementary

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



179.8980, 1.0363, -52.5305



150.1020, -1.0363, 52.5305

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.



196.2300, -11.9454, 51.5413



179.8980, 1.0363, -52.5305



198.1380, 17.6800, 22.6810

Square

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



179.8980, 1.0363, -52.5305



186.8460, 33.5999, -43.7149



198.0840, 2.9166, 44.6533



192.2660, -30.2041, 27.8307

Rectangle

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



179.8980, 1.0363, -52.5305



175.8670, 28.1666, -74.4284



198.0840, 2.9166, 44.6533



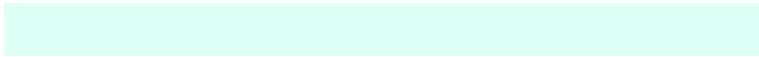
195.6290, -20.5231, 49.4374

Sweetspot

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



179.8980, 1.0363, -52.5305



243.9930, 0.4965, -19.2879



181.2020, -30.1726, -29.1182



120.9230, 0.0380, -12.2105



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.



179.8980, 1.0363, -52.5305



211.5700, 1.6910, -75.9219



173.6980, 17.8969, -47.0931



101.2550, -0.1257, -6.3626



111.8400, 2.0509, -98.0837



27.2590, 0.3653, -23.9061

Inverse Universe

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



150.1020, -1.0363, 52.5305



168.4300, -1.6910, 75.9219



156.8890, -18.1863, 46.5783



97.6310, -0.3111, 6.4626



56.1600, -2.0509, 98.0837



13.7410, -0.3653, 23.9061

Previews

White Background



This preview shows how the YUV color 179.8980, 1.0363, -52.5305 looks on a white background.

Color Contrast Check

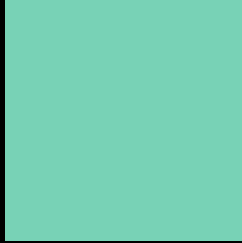
Large Text (above 18pt) WCAG AA × Fail

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 179.8980, 1.0363, -52.5305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

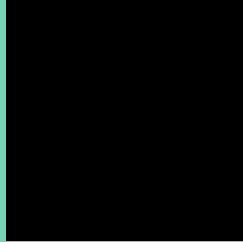
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.8980, 1.0363, -52.5305

Background



This preview shows how black text looks on a background with the YUV color 179.8980, 1.0363, -52.5305.



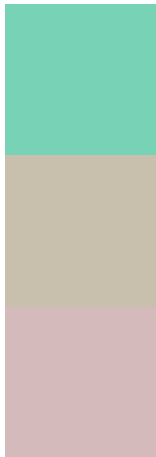
This preview shows how white text looks on a background with the YUV color 179.8980, 1.0363, -52.5305.

-52.5305.

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

179.8980, 1.0363, -52.5305

Protanopia

192.1120, -9.9152, 6.9178

Deuteranopia

194.1870, -3.5432, 16.4990



Tritanopia

183.8120, 18.3337, -47.1931

Trichromacy



Original Color

179.8980, 1.0363, -52.5305



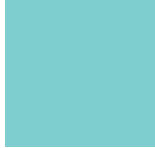
Protanomaly

188.0060, -5.9190, -14.9143



Deuteranomaly

189.0760, -2.0095, -8.8367



Tritanomaly

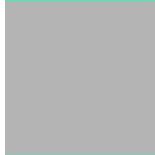
182.1940, 12.2294, -49.2821

Monochromacy



Original Color

179.8980, 1.0363, -52.5305



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.9930, 0.4965, -19.2879

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.8980, 1.0363, -52.5305 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(120, 210, 182)` looks like.

```
.text, #text, p{  
    color:rgb(120, 210, 182)  
}
```

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(120, 210, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 210, 182) }
```

Border

The CSS property to change the border of an element to YUV 179.8980, 1.0363, -52.5305 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(120, 210, 182) }
```


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

```
.border{ border-color:rgb(120, 210, 182) }
```

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

Here you see how a box with a 4 pixel rgb(120, 210, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 210, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 210, 182);  
box-shadow:4px 4px 4px 4px rgb(120, 210,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 179.8980, 1.0363, -52.5305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 210, 182) }
```

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

```
.background{ background-color: rgb(120,  
210, 182) }
```

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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