

Converting Colors

YUV(179.1300, 19.1629,
-79.9210)

Have a look what the booklet for
YUV(179.1300, 19.1629, -79.9210)
contains.

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Color

**YUV(179.1300, 19.1629,
-79.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	58DADA
RGB	88, 218, 218
RGB Percent	35%, 85%, 85%
CMY	0.6549, 0.1451, 0.1451
CMYK	0.60, 0.00, 0.00, 0.15
HSL	180°, 64%, 60%
HSV	180°, 60%, 85%
XYZ	41.7508, 57.2795, 75.1852
YIQ	179.1300, -77.4800, -27.5600

Conversions

Conversions Part 2

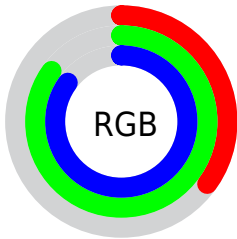
Format	Color
R _Y B	88, 153, 218
Decimal	5823194
CIE Lab	80.34, -35.16, -10.68
CIE LCh	80, 36.746, 196.893
Yxy	57.2795, 0.2397, 0.3288
Android (android.graphics.Color)	4284013274 (0xFF58DADA)
YUV	179.1300, 19.1629, -79.9210
Hunter-Lab	75.6832, -33.9757, -5.9216

Details

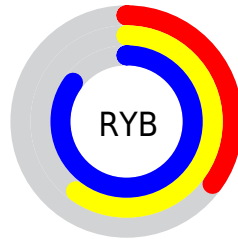
The YUV color **179.1300, 19.1629, -79.9210** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **126.8700, -19.1629, 79.9210**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9040, 15.3303, -63.9368**, and **114.2630, 24.0273, -100.2087** is the 20% darker color. If you saturate the color by 10%, you get **172.5520, 22.4059, -93.4461**, and if you desaturate by 10%, it is **185.7080, 15.9200, -66.3959**.

Distribution



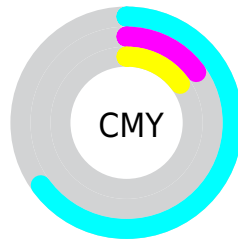
- Red (35%)
- Green (85%)
- Blue (85%)



- Red (35%)
- Yellow (60%)
- Blue (85%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.1300, 19.1629, -79.9210 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 179.1300, 19.1629, -79.9210 by changing the saturation by 10% instead.

179.1300, 19.1629,
-79.9210

179.1300, 19.1629,
-79.9210

255.0000, 0.0000,
0.0000

148.4390, 20.4896,
-85.4540

223.9040, 15.3303,
-63.9368

114.2630, 24.0273,
-100.2087

232.8740, 10.9081,
-45.4935

95.4500, 20.4842,
-83.7096

241.8440, 6.4859,
-27.0502

77.3380, 17.0884,
-67.8254

251.1130, 1.9163,
-7.9921

59.8130, 13.4032,
-52.4560

43.1030, 10.3022,
-37.8013

27.6810, 7.0593,

-24.2762

■ 4.2690, 8.7414,
-3.7439

■ 0.0000, 0.0000,
0.0000

■ 179.1300, 19.1629,
-79.9210

■ 179.1300, 19.1629,
-79.9210

■ 172.5520, 22.4059,
-93.4461

■ 185.7080, 15.9200,
-66.3959

■ 165.9740, 25.6488,
-106.9712

■ 192.2860, 12.6770,
-52.8708

■ 159.6950, 28.7444,
-119.8815

■ 198.5650, 9.5815,
-39.9605

■ 153.1170, 31.9873,
-133.4066

■ 205.1430, 6.3385,
-26.4354

■ 152.8180, 32.1347,
-134.0214

■ 211.7210, 3.0955,
-12.9103

■ 218.2990, -0.1474,
0.6148

■ 224.8770, -3.3904,
14.1399

■ 229.0630, -5.4541,
22.7467

Harmonies

Analogous

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



185.0180, -0.9949, -54.3898



179.1300, 19.1629, -79.9210



180.4900, 33.2824, -81.9907

Triad

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



179.1300, 19.1629, -79.9210



204.2240, 20.5956, 20.8516



198.4300, -32.2570, 32.9489

Complementary

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



179.1300, 19.1629, -79.9210



126.8700, -19.1629, 79.9210

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.



199.7060, -24.0121, 48.4928



179.1300, 19.1629, -79.9210



203.5940, 6.1162, 45.0831

Square

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



179.1300, 19.1629, -79.9210



198.5400, 27.8348, -14.5056



199.0170, -8.8824, 49.0971



195.0200, -30.5759, 6.9985

Rectangle

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



179.1300, 19.1629, -79.9210



186.1270, 33.9544, -64.1324



199.0170, -8.8824, 49.0971



199.2290, -30.6789, 40.1412

Sweetspot

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



179.1300, 19.1629, -79.9210



241.2460, 6.7807, -28.2797



164.3100, -37.6208, -66.9239



119.3290, 4.2748, -17.8285



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.



179.1300, 19.1629, -79.9210



199.9840, 27.1229, -113.1190



140.9750, 37.9733, -46.4591



106.7110, 1.6215, -6.7625



121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Inverse Universe

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



141.6900, 37.6208, 66.9239



146.9920, 53.2479, 94.7230



165.0250, -37.9733, 46.4591



103.5430, 3.1833, 5.6628



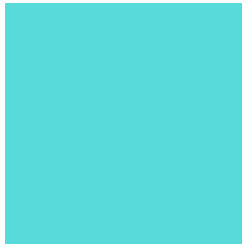
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 179.1300, 19.1629, -79.9210 looks on a white background.

Color Contrast Check

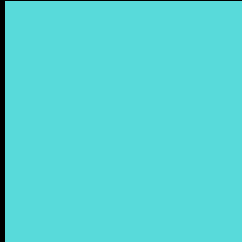
Large Text (above 18pt) WCAG AA × Fail

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 179.1300, 19.1629, -79.9210 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

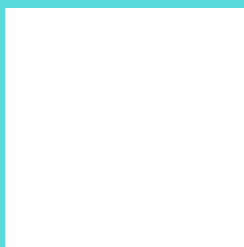
Any Text WCAG AAA ✓ Pass

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

YUV 179.1300, 19.1629, -79.9210 Background



This preview shows how black text looks on a background with the YUV color 179.1300, 19.1629, -79.9210.



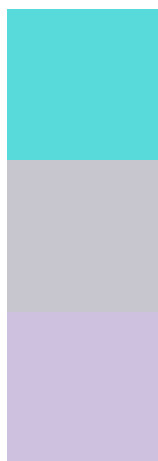
This preview shows how white text looks on a background with the YUV color 179.1300, 19.1629, -79.9210.

-79.9210.

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

179.1300, 19.1629, -79.9210

Protanopia

198.5100, 3.1996, 0.4297

Deuteranopia

200.0080, 11.3351, 4.3780



Tritanopia

181.7590, 25.2618, -76.0876

Trichromacy



Original Color

179.1300, 19.1629, -79.9210



Protanomaly

191.8160, 8.9647, -28.7796



Deuteranomaly

192.2060, 14.1954, -26.4907



Tritanomaly

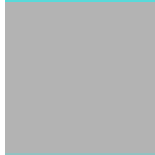
180.8790, 23.2307, -77.9469

Monochromacy



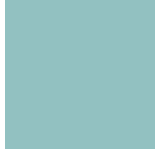
Original Color

179.1300, 19.1629, -79.9210



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.9470, 6.9281, -28.8945

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.1300, 19.1629, -79.9210 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(88, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(88, 218, 218)  
}
```

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(88, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 218, 218) }
```

Border

The CSS property to change the border of an element to YUV 179.1300, 19.1629, -79.9210 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(88, 218, 218) }
```


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

```
.border{ border-color:rgb(88, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(88, 218,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 179.1300, 19.1629, -79.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 218, 218) }
```

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

```
.background{ background-color: rgb(88, 218,  
218) }
```

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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