

Converting Colors

YUV(158.9940, 28.5970,
-119.2667)

Have a look what the booklet for
YUV(158.9940, 28.5970, -119.2667)
contains.

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Color

**YUV(158.9940, 28.5970,
-119.2667)**

Conversions

Conversions Part 1

Format	Color
Hex	17D9D9
RGB	23, 217, 217
RGB Percent	9%, 85%, 85%
CMY	0.9098, 0.1490, 0.1490
CMYK	0.89, 0.00, 0.00, 0.15
HSL	180°, 81%, 47%
HSV	180°, 89%, 85%
XYZ	37.6906, 54.8176, 74.2400
YIQ	158.9940, -115.6240, -41.1280

Conversions

Conversions Part 2

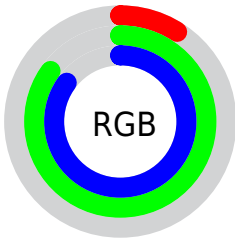
Format	Color
R_{YB}	23, 120, 217
Decimal	1563097
CIE Lab	78.94, -41.87, -12.35
CIE LCh	79, 43.650, 196.433
Yxy	54.8176, 0.2260, 0.3287
Android (android.graphics.Color)	4279753177 (0xFF17D9D9)
YUV	158.9940, 28.5970, -119.2667
Hunter-Lab	74.0389, -38.7001, -7.6238

Details

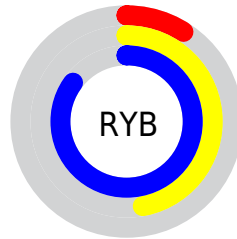
The YUV color **158.9940, 28.5970, -119.2667** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **81.0060, -28.5970, 119.2667**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, 20.6370, -86.0688**, and **112.9750, 24.1693, -99.0791** is the 20% darker color. If you saturate the color by 10%, you get **152.4160, 31.8399, -132.7918**, and if you desaturate by 10%, it is **165.5720, 25.3540, -105.7416**.

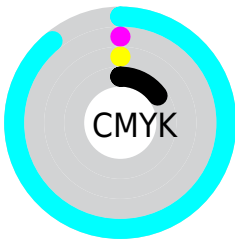
Distribution



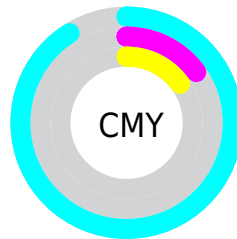
- Red (9%)
- Green (85%)
- Blue (85%)



- Red (9%)
- Yellow (47%)
- Blue (85%)



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (91%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.9940, 28.5970, -119.2667 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 158.9940, 28.5970, -119.2667 by changing the saturation by 10% instead.

158.9940, 28.5970,
-119.2667

158.9940, 28.5970,
-119.2667

255.0000, 0.0000,
0.0000

132.4890, 27.8599,
-116.1929

213.1400, 20.6370,
-86.0688

112.9750, 24.1693,
-99.0791

223.0070, 15.7725,
-65.7811

94.7490, 20.3367,
-83.0949

232.5750, 11.0555,
-46.1083

76.6370, 16.9410,
-67.2106

242.1430, 6.3385,
-26.4354

58.5250, 13.5452,
-51.3264

251.4120, 1.7689,
-7.3773

41.8150, 10.4442,
-36.6718

26.9800, 6.9119,

-23.6615

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 158.9940, 28.5970,
-119.2667

■ 158.9940, 28.5970,
-119.2667

■ 152.4160, 31.8399,
-132.7918

■ 165.5720, 25.3540,
-105.7416

■ 152.1170, 31.9873,
-133.4066

■ 171.8510, 22.2585,
-92.8313

■ 178.4290, 19.0155,
-79.3062

■ 185.0070, 15.7725,
-65.7811

■ 191.5850, 12.5296,
-52.2560

■ 197.8640, 9.4340,
-39.3457

■ 204.4420, 6.1911,
-25.8206

■ 211.0200, 2.9481,
-12.2955

■ 217.2990, -0.1474,
0.6148

Harmonies

Analogous

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



176.6420, -0.8095, -67.2150



158.9940, 28.5970, -119.2667



153.8730, 48.8696, -134.9466

Triad

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



158.9940, 28.5970, -119.2667



200.7990, 25.2421, 23.8553



194.1550, -38.5304, 38.4521

Complementary

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



158.9940, 28.5970, -119.2667



81.0060, -28.5970, 119.2667

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.



193.5280, -27.3753, 53.9109



158.9940, 28.5970, -119.2667



198.3110, 8.7207, 49.7163

Square

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



158.9940, 28.5970, -119.2667



193.2020, 30.4664, -18.5942



192.3490, -9.0461, 54.9449



190.4240, -36.6910, 8.3982

Rectangle

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



158.9940, 28.5970, -119.2667



172.6940, 40.5769, -88.3086



192.3490, -9.0461, 54.9449



194.8940, -35.9367, 46.5740

Sweetspot

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



158.9940, 28.5970, -119.2667



234.3690, 10.1711, -42.4196



136.8780, -56.1419, -99.8710



115.7410, 6.0437, -25.2059



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.



158.9940, 28.5970, -119.2667



178.7550, 37.5888, -156.7681



102.0550, 56.6679, -69.3312



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.



103.1220, 56.1419, 99.8710



105.3150, 73.7947, 131.2737



137.9450, -56.6679, 69.3312



103.5430, 3.1833, 5.6628



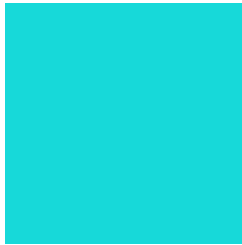
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 158.9940, 28.5970, -119.2667 looks on a white background.

Color Contrast Check

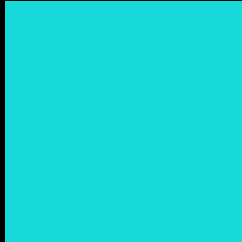
Large Text (above 18pt) WCAG AA × Fail

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 158.9940, 28.5970, -119.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

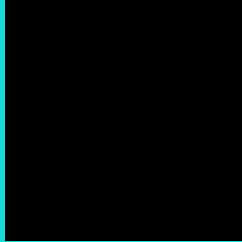
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

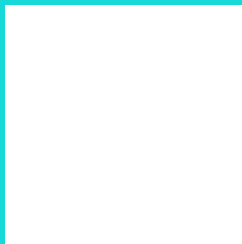
Any Text WCAG AAA ✓ Pass

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

YUV 158.9940, 28.5970, -119.2667 Background



This preview shows how black text looks on a background with the YUV color 158.9940, 28.5970, -119.2667.

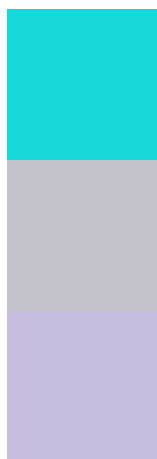


This preview shows how white text looks on a background with the YUV color 158.9940, 28.5970, -119.2667.

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

158.9940, 28.5970, -119.2667

Protanopia

194.6240, 3.6364, 0.3298

Deuteranopia

195.8660, 13.3771, 2.7485



Tritanopia

165.8090, 32.6322, -106.8265

Trichromacy



Original Color

158.9940, 28.5970, -119.2667



Protanomaly

181.6400, 12.5025, -43.5343



Deuteranomaly

182.3720, 19.0436, -41.5452



Tritanomaly

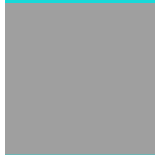
163.4340, 31.3380, -111.7596

Monochromacy



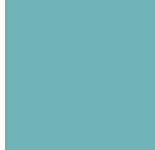
Original Color

158.9940, 28.5970, -119.2667



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.0700, 10.3185, -43.0344

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.9940, 28.5970, -119.2667 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(23, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(23, 217, 217)  
}
```

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(23, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 217, 217) }
```

Border

The CSS property to change the border of an element to YUV 158.9940, 28.5970, -119.2667 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(23, 217, 217) }
```


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

```
.border{ border-color:rgb(23, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(23, 217,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 158.9940, 28.5970, -119.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 217, 217) }
```

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

```
.background{ background-color: rgb(23, 217,  
217) }
```

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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