Converting Colors

YUV(179.4460, 16.5421, -79.3211)

Have a look what the booklet for YUV(179.4460, 16.5421, -79.3211) contains.

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Color

YUV(179.4460, 16.5421, -79.3211)

Conversions

Conversions Part 1

Format	Color
Hex	59DBD5
RGB	89, 219, 213
RGB Percent	35%, 86%, 84%
CMY	0.6510, 0.1412, 0.1647
CMYK	0.59, 0.00, 0.03, 0.14
HSL	177°, 64%, 60%
HSV	177°, 59%, 86%
XYZ	41.4616, 57.5910, 71.8817
YIQ	179.4460, -75.5540, -29.4260

Conversions

Conversions Part 2

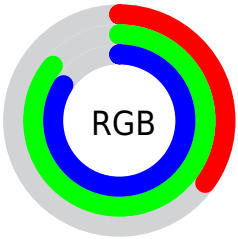
Format	Color
RYB	89, 156, 219
Decimal	5888981
CIELab	80.51, -36.79, -7.75
CIELCh	81, 37.599, 191.894
Yxy	57.5910, 0.2426, 0.3369
Android (android.graphics.Color)	4284079061 (0xFF59DBD5)
YUV	179.4460, 16.5421, -79.3211
Hunter-Lab	75.8887, -35.2823, -3.0373

Details

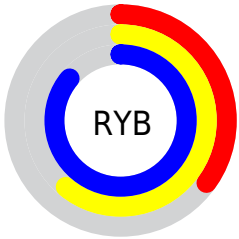
The YUV color 179.4460, 16.5421, -79.3211 is a light color, and the websafe version is hex 33CCCC. The color can be described as light muted cyan. A complement of this color would be 128.5540, -16.5421, 79.3211, and the grayscale version is 179.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 223.9040, 15.3303, -63.9368, and 113.6930, 21.8434, -99.7088 is the 20% darker color. If you saturate the color by 10%, you get 172.7540, 19.3483, -92.7463, and if you desaturate by 10%, it is 186.1380, 13.7360, -65.8960.

Distribution

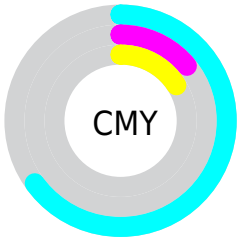


- Red (35%)
- Green (86%)
- Blue (84%)



- Red (35%)
- Yellow (61%)
- Blue (86%)

- Cyan (59%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (65%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.4460, 16.5421, -79.3211 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 179.4460, 16.5421, -79.3211 by changing the saturation by 10% instead.

179.4460, 16.5421, -79.3211

255.0000, 0.0000, 0.0000

223.9040, 15.3303, -63.9368

232.8740, 10.9081, -45.4935

242.1430, 6.3385, -26.4354

251.1130, 1.9163, -7.9921

179.4460, 16.5421, -79.3211

149.0540, 17.7214, -84.2394

113.6930, 21.8434, -99.7088

95.4670, 18.0108, -83.7246

77.3550, 14.6150, -67.8403

59.9440, 11.3666, -52.5709

43.2340, 8.2656, -37.9162

27.8120, 5.0227,

-24.3911

4.4000, 6.7048, -3.8588

0.0000, 0.0000, 0.0000

179.4460, 16.5421, -79.3211

172.7540, 19.3483, -92.7463

166.0620, 22.1544, -106.1714

159.3700, 24.9606, -119.5965

152.6780, 27.7667, -133.0216

179.4460, 16.5421, -79.3211

186.1380, 13.7360, -65.8960

192.8300, 10.9298, -52.4709

199.5220, 8.1237, -39.0458

206.2140, 5.3175, -25.6207

152.3790, 27.9142, -133.6364

212.9060, 2.5113, -12.1956

219.2990, -0.1474, 0.6148

225.9910, -2.9536, 14.0399

229.9920, -4.4331, 21.9320

230.1060, -3.9963, 21.8320

Harmonies

Analogous

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

186.1280, -4.5001, -50.1013

179.4460, 16.5421, -79.3211

178.4570, 33.2987, -87.2238

Triad

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

179.4460, 16.5421, -79.3211

204.2880, 23.5220, 15.5334

199.1640, -32.1259, 37.5672

Complementary

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

179.4460, 16.5421, -79.3211

128.5540, -16.5421, 79.3211

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.

198.8740, -22.1229, 49.2225

179.4460, 16.5421, -79.3211

204.8650, 8.4476, 43.9684

Square

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

179.4460, 16.5421, -79.3211

197.0230, 28.5827, -21.0682

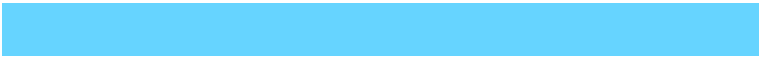
199.1140, -5.9722, 49.0120

196.1840, -32.6287, 12.1166

Rectangle

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

179.4460, 16.5421, -79.3211



184.0120, 34.9971, -71.9245

199.1140, -5.9722, 49.0120

200.0770, -30.1110, 44.6595

Sweetspot

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

179.4460, 16.5421, -79.3211

241.0180, 5.9071, -28.0798

167.1040, -38.5053, -63.2352

119.1010, 3.4012, -17.6286

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.

179.4460, 16.5421, -79.3211

199.9690, 23.1863, -110.4748

146.0840, 35.9476, -50.0627

106.5970, 1.1847, -6.6626

120.3610, 22.0070, -105.5566

32.0180, 5.9071, -28.0798

Inverse Universe

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

128.5540, -16.5421, 79.3211

129.0310, -23.1863, 110.4748

161.9160, -35.9476, 50.0627

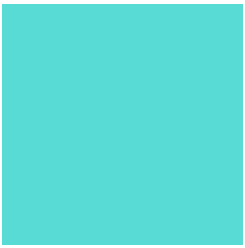
102.2890, -1.6215, 6.7625

52.6390, -22.0070, 105.5566

13.9820, -5.9071, 28.0798

Previews

White Background

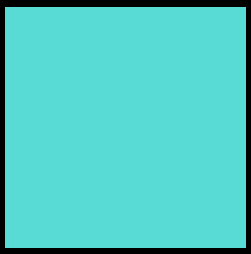


This preview shows how the YUV color 179.4460, 16.5421, -79.3211 looks on a white background.

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



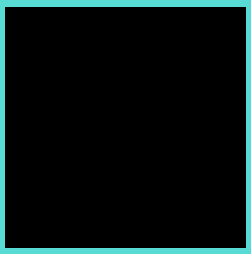
This preview shows how the YUV color 179.4460, 16.5421, -79.3211 looks on a black background.

Color Contrast Check

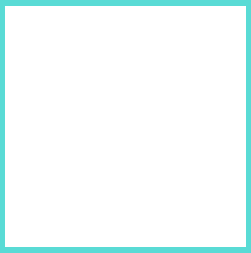
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

YUV 179.4460, 16.5421, -79.3211 Background



This preview shows how black text looks on a background with the YUV color 179.4460, 16.5421, -79.3211.



This preview shows how white text looks on a background with the YUV color 179.4460, 16.5421,

-79.3211.

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

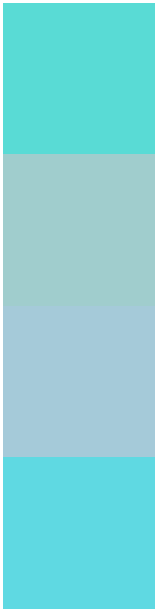
Original Color
179.4460, 16.5421, -79.3211

Protanopia
198.5380, 0.7208, 2.1592

Deuteranopia
200.4490, 9.1456, 6.6222

Tritanopia
182.6560, 24.8196, -74.2433

Trichromacy



Original Color
179.4460, 16.5421, -79.3211

Protanomaly
191.5450, 6.6333, -27.6650

Deuteranomaly
192.6470, 12.0060, -24.2464

Tritanomaly
181.5480, 21.9148, -75.9026

Monochromacy

Original Color
179.4460, 16.5421, -79.3211

Achromatopsia
179.0000, 0.0000, 0.0000

Achromatomaly
179.3060, 5.7651, -29.2094

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.4460, 16.5421, -79.3211 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(89, 219, 213) looks like.

```
.text, #text, p{
    color:rgb(89, 219, 213)
}
```

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(89, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 219, 213) }
```

Border

The CSS property to change the border of an element to YUV 179.4460, 16.5421, -79.3211 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(89, 219, 213) }
```

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

```
.border{ border-color:rgb(89, 219, 213) }
```

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

Here you see how a box with a 4 pixel rgb(89, 219, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(89, 219, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(89, 219, 213); box-shadow:4px 4px 4px 4px rgb(89, 219, 213) }
```

Background

The CSS property to change the background color of an element to YUV 179.4460, 16.5421, -79.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(89, 219, 213) }
```

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

```
.background{ background-color:rgb(89, 219,
213) }
```

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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