

Converting Colors

YUV(180.3960, 19.0318,
-84.5393)

Have a look what the booklet for
YUV(180.3960, 19.0318, -84.5393)
contains.

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Color

**YUV(180.3960, 19.0318,
-84.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	54DEDB
RGB	84, 222, 219
RGB Percent	33%, 87%, 86%
CMY	0.6706, 0.1294, 0.1412
CMYK	0.62, 0.00, 0.01, 0.13
HSL	179°, 68%, 60%
HSV	179°, 62%, 87%
XYZ	42.5636, 59.2418, 76.2093
YIQ	180.3960, -81.2850, -30.1890

Conversions

Conversions Part 2

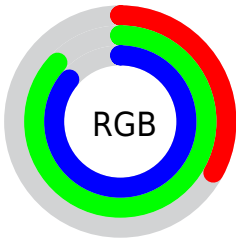
Format	Color
R_{YB}	84, 154, 222
Decimal	5562075
CIE Lab	81.42, -37.40, -9.60
CIE LCh	81, 38.611, 194.398
Yxy	59.2418, 0.2391, 0.3328
Android (android.graphics.Color)	4283752155 (0xFF54DEDB)
YUV	180.3960, 19.0318, -84.5393
Hunter-Lab	76.9687, -35.9850, -4.8269

Details

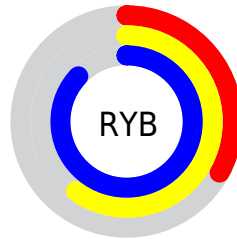
The YUV color **180.3960, 19.0318, -84.5393** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **125.6040, -19.0318, 84.5393**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0070, 15.7725, -65.7811**, and **116.1380, 23.5960, -101.8530** is the 20% darker color. If you saturate the color by 10%, you get **173.8180, 22.2747, -98.0644**, and if you desaturate by 10%, it is **186.9740, 15.7888, -71.0142**.

Distribution



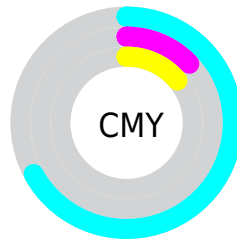
- Red (33%)
- Green (87%)
- Blue (86%)



- Red (33%)
- Yellow (60%)
- Blue (87%)



- Cyan (62%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3960, 19.0318, -84.5393 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 180.3960, 19.0318, -84.5393 by changing the saturation by 10% instead.

180.3960, 19.0318,
-84.5393

180.3960, 19.0318,
-84.5393

255.0000, 0.0000,
0.0000

149.1070, 20.6532,
-91.3018

223.0070, 15.7725,
-65.7811

116.1380, 23.5960,
-101.8530

232.2760, 11.2029,
-46.7231

97.3250, 20.0528,
-85.3540

241.2460, 6.7807,
-28.2797

79.0990, 16.2202,
-69.3698

250.5150, 2.2111,
-9.2217

61.6880, 12.9718,
-54.1004

44.9780, 9.8708,
-39.4457

29.5560, 6.6279,

-25.9206

■ 9.0790, 6.8631,
-7.9623

■ 0.0000, 0.0000,
0.0000

■ 180.3960, 19.0318,
-84.5393

■ 180.3960, 19.0318,
-84.5393

■ 173.8180, 22.2747,
-98.0644

■ 186.9740, 15.7888,
-71.0142

■ 167.1260, 25.0809,
-111.4895

■ 193.6660, 12.9827,
-57.5891


■ 160.2490, 28.4712,
-125.6294


■ 200.5430, 9.5923,
-43.4492


■ 155.0520, 30.5404,
-135.9806

■ 207.2350, 6.7861,
-30.0241

 213.8130, 3.5432,
-16.4990

 220.5050, 0.7370,
-3.0739

 227.0830, -2.5059,
10.4512

 231.9810, -4.4276,
20.1877

Harmonies

Analogous

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



187.8500, -2.8840, -55.1194



180.3960, 19.0318, -84.5393



180.3040, 35.3461, -90.5976

Triad

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



180.3960, 19.0318, -84.5393



207.1960, 23.0744, 19.1221



201.9960, -34.0150, 36.8375

Complementary

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



180.3960, 19.0318, -84.5393



125.6040, -19.0318, 84.5393

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.



200.5210, -23.4279, 47.7781



180.3960, 19.0318, -84.5393



205.5660, 8.5950, 43.3536

Square

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



180.3960, 19.0318, -84.5393



200.2900, 26.9720, -17.7943



200.1740, -6.9878, 48.0824



198.3470, -33.2021, 9.3427

Rectangle

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



180.3960, 19.0318, -84.5393



185.7840, 34.1235, -71.7246



200.1740, -6.9878, 48.0824



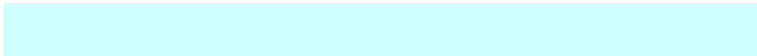
202.3220, -31.7107, 44.4446

Sweetspot

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



180.3960, 19.0318, -84.5393



240.5340, 6.6387, -29.4093



166.5010, -40.6730, -67.9684



118.9160, 3.9854, -18.3433



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.



180.3960, 19.0318, -84.5393



197.4350, 26.4075, -117.0225



143.1700, 38.8632, -51.8921



108.7110, 1.6215, -6.7625



122.9200, 24.1964, -107.8008



33.5340, 6.6387, -29.4093

Inverse Universe

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



125.6040, -19.0318, 84.5393



121.5650, -26.4075, 117.0225



162.8300, -38.8632, 51.8921



104.2890, -1.6215, 6.7625



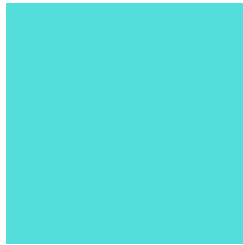
53.0800, -24.1964, 107.8008



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 180.3960, 19.0318, -84.5393 looks on a white background.

Color Contrast Check

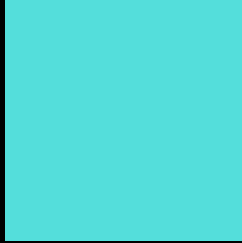
Large Text (above 18pt) WCAG AA × Fail

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 180.3960, 19.0318, -84.5393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

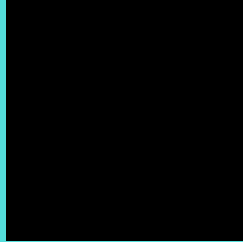
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.3960, 19.0318, -84.5393

Background



This preview shows how black text looks on a background with the YUV color 180.3960, 19.0318, -84.5393.



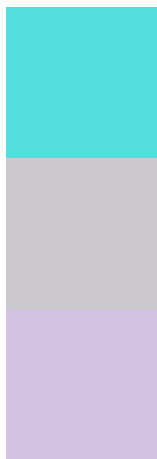
This preview shows how white text looks on a background with the YUV color 180.3960, 19.0318, -84.5393.

-84.5393.

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

180.3960, 19.0318, -84.5393

Protanopia

201.5810, 2.1786, 1.2445

Deuteranopia

202.6060, 11.0402, 5.6075



Tritanopia

183.0790, 26.5831, -79.8763

Trichromacy



Original Color

180.3960, 19.0318, -84.5393



Protanomaly

193.9900, 8.3859, -29.8092



Deuteranomaly

194.7930, 13.9061, -27.0055



Tritanomaly

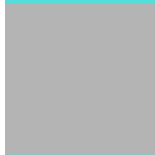
181.9710, 23.6783, -81.5356

Monochromacy



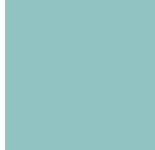
Original Color

180.3960, 19.0318, -84.5393



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.9360, 6.9336, -30.6389

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3960, 19.0318, -84.5393 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(84, 222, 219)` looks like.

```
.text, #text, p{  
    color:rgb(84, 222, 219)  
}
```

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(84, 222, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 222, 219) }
```

Border

The CSS property to change the border of an element to YUV 180.3960, 19.0318, -84.5393 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(84, 222, 219) }
```


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

```
.border{ border-color:rgb(84, 222, 219) }
```

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

Here you see how a box with a 4 pixel rgb(84, 222, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 222, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 222, 219);  
box-shadow:4px 4px 4px 4px rgb(84, 222,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 180.3960, 19.0318, -84.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 222, 219) }
```

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

```
.background{ background-color: rgb(84, 222,  
219) }
```

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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