

Converting Colors

YUV(179.4240, 16.5530,
-82.8098)

Have a look what the booklet for
YUV(179.4240, 16.5530, -82.8098)
contains.

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Color

**YUV(179.4240, 16.5530,
-82.8098)**

Conversions

Conversions Part 1

Format	Color
Hex	55DDD5
RGB	85, 221, 213
RGB Percent	33%, 87%, 84%
CMY	0.6667, 0.1333, 0.1647
CMYK	0.62, 0.00, 0.04, 0.13
HSL	176°, 67%, 60%
HSV	176°, 62%, 87%
XYZ	41.6130, 58.4483, 72.0392
YIQ	179.4240, -78.4880, -31.3200

Conversions

Conversions Part 2

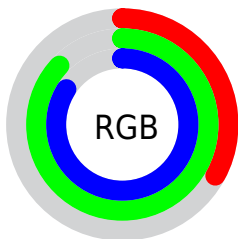
Format	Color
RYB	85, 155, 221
Decimal	5627349
CIELab	80.99, -38.38, -7.05
CIElCh	81, 39.027, 190.414
Yxy	58.4483, 0.2418, 0.3396
Android (android.graphics.Color)	4283817429 (0xFF55DDD5)
YUV	179.4240, 16.5530, -82.8098
Hunter-Lab	76.4515, -36.6315, -2.3521

Details

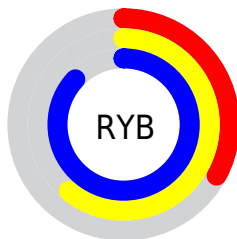
The YUV color **179.4240, 16.5530, -82.8098** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **126.5760, -16.5530, 82.8098**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0070, 15.7725, -65.7811**, and **114.8670, 21.2646, -100.7384** is the 20% darker color. If you saturate the color by 10%, you get **172.7320, 19.3591, -96.2350**, and if you desaturate by 10%, it is **186.1160, 13.7468, -69.3847**.

Distribution



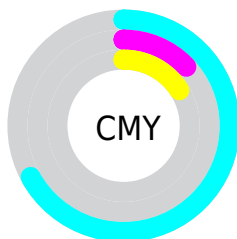
- Red (33%)
- Green (87%)
- Blue (84%)



- Red (33%)
- Yellow (61%)
- Blue (87%)



- Cyan (62%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.4240, 16.5530, -82.8098 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 179.4240, 16.5530, -82.8098 by changing the saturation by 10% instead.

179.4240, 16.5530,
-82.8098

179.4240, 16.5530,
-82.8098

255.0000, 0.0000,
0.0000

148.4340, 18.0270,
-88.9576

223.0070, 15.7725,
-65.7811

114.8670, 21.2646,
-100.7384

232.2760, 11.2029,
-46.7231

96.0540, 17.7214,
-84.2394

241.2460, 6.7807,
-28.2797

77.9420, 14.3256,
-68.3551

250.5150, 2.2111,
-9.2217

60.5310, 11.0772,
-53.0857

43.8210, 7.9762,
-38.4310

28.3990, 4.7333,

-24.9059

■ 6.7480, 5.5472,
-5.9180

■ 0.0000, 0.0000,
0.0000

■ 179.4240, 16.5530,
-82.8098

■ 179.4240, 16.5530,
-82.8098

■ 172.7320, 19.3591,
-96.2350

■ 186.1160, 13.7468,
-69.3847

■ 165.9260, 21.7285,
-109.5601

■ 192.9220, 11.3775,
-56.0596

■ 159.2340, 24.5346,
-122.9852

■ 199.6140, 8.5713,
-42.6345

■ 153.4390, 26.8986,
-134.5660

■ 206.3060, 5.7651,
-29.2094

■ 212.9980, 2.9590,
-15.7842

■ 220.1030, 0.4422,
-1.8443

■ 226.7950, -2.3639,
11.5808

■ 231.3940, -4.1382,
20.7025

■ 231.6220, -3.2646,
20.5025

Harmonies

Analogous

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



187.0740, -5.9525, -50.9309



179.4240, 16.5530, -82.8098



177.3420, 34.3414, -95.0159

Triad

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



179.4240, 16.5530, -82.8098



205.2170, 24.5430, 14.7187



200.8330, -33.4417, 39.6115

Complementary

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



179.4240, 16.5530, -82.8098



126.5760, -16.5530, 82.8098

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.



198.9880, -21.6861, 49.1225



179.4240, 16.5530, -82.8098



205.3210, 10.1947, 43.5685

Square

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



179.4240, 16.5530, -82.8098



197.5990, 28.2987, -23.3273



199.4560, -4.6618, 48.7121



197.5540, -33.7971, 13.5461

Rectangle

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



179.4240, 16.5530, -82.8098



182.7940, 35.5976, -77.8723



199.4560, -4.6618, 48.7121



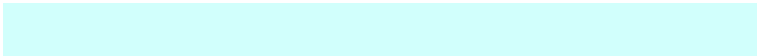
201.2730, -30.7006, 47.1186

Sweetspot

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



179.4240, 16.5530, -82.8098



240.9040, 5.4703, -27.9798



167.5230, -40.6838, -64.4797



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.



179.4240, 16.5530, -82.8098



197.2350, 23.0551, -115.0931



145.7030, 37.1214, -53.2365



106.5970, 1.1847, -6.6626



120.1330, 21.1334, -105.3566



31.9040, 5.4703, -27.9798

Inverse Universe

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



126.5760, -16.5530, 82.8098



123.7650, -23.0551, 115.0931



160.2970, -37.1214, 53.2365



102.2890, -1.6215, 6.7625



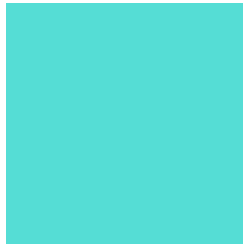
52.8670, -21.1334, 105.3566



14.0960, -5.4703, 27.9798

Previews

White Background



This preview shows how the YUV color 179.4240, 16.5530, -82.8098 looks on a white background.

Color Contrast Check

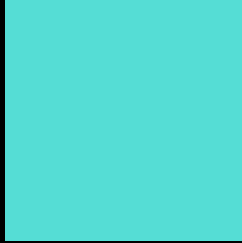
Large Text (above 18pt) WCAG AA × Fail

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 179.4240, 16.5530, -82.8098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

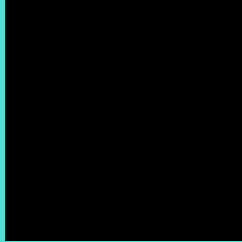
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

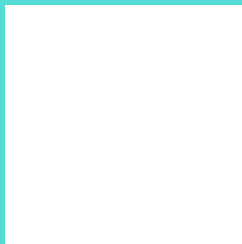
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 179.4240, 16.5530, -82.8098

Background



This preview shows how black text looks on a background with the YUV color 179.4240, 16.5530, -82.8098.



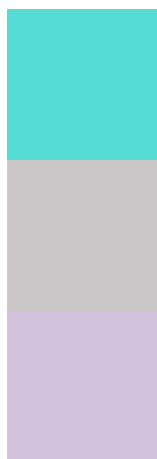
This preview shows how white text looks on a background with the YUV color 179.4240, 16.5530,

-82.8098.

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

179.4240, 16.5530, -82.8098

Protanopia

200.3100, -0.1528, 2.3591

Deuteranopia

201.6340, 8.5614, 7.3370



Tritanopia

183.1610, 25.5566, -77.3172

Trichromacy



Original Color

179.4240, 16.5530, -82.8098



Protanomaly

192.7190, 6.0545, -28.6946



Deuteranomaly

193.8210, 11.4272, -25.2760



Tritanomaly

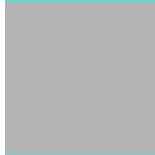
181.6400, 22.3625, -79.4913

Monochromacy



Original Color

179.4240, 16.5530, -82.8098



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.0070, 5.9125, -29.8241

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.4240, 16.5530, -82.8098 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(85, 221, 213)` looks like.

```
.text, #text, p{  
    color:rgb(85, 221, 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(85, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 221, 213) }
```

Border

The CSS property to change the border of an element to YUV 179.4240, 16.5530, -82.8098 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(85, 221, 213) }
```


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

```
.border{ border-color:rgb(85, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(85, 221,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 179.4240, 16.5530, -82.8098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 221, 213) }
```

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

```
.background{ background-color: rgb(85, 221,  
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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