

# Converting Colors

YUV(180.9340, 19.7525,  
-82.3801)

Have a look what the booklet for  
YUV(180.9340, 19.7525, -82.3801)  
contains.

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# Color

**YUV(180.9340, 19.7525,  
-82.3801)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57DDDD
RGB	87, 221, 221
RGB Percent	34%, 87%, 87%
CMY	0.6588, 0.1333, 0.1333
CMYK	0.61, 0.00, 0.00, 0.13
HSL	180°, 66%, 60%
HSV	180°, 61%, 87%
XYZ	42.8381, 58.9596, 77.5292
YIQ	180.9340, -79.8640, -28.4080

# Conversions

## Conversions Part 2

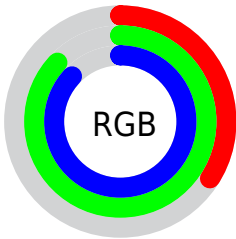
Format	Color
<a href="#">RYB</a>	<a href="#">87, 154, 221</a>
Decimal	<a href="#">5758429</a>
CIELab	<a href="#">81.27, -35.91, -10.89</a>
CIElCh	<a href="#">81, 37.524, 196.866</a>
Yxy	<a href="#">58.9596, 0.2389, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4283948509 (0xFF57DDDD)</a>
YUV	<a href="#">180.9340, 19.7525, -82.3801</a>
Hunter-Lab	<a href="#">76.7852, -34.7897, -6.1149</a>

# Details

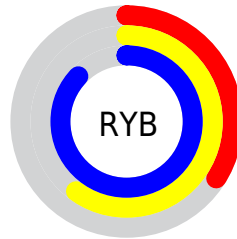
The YUV color **180.9340, 19.7525, -82.3801** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **127.0660, -19.7525, 82.3801**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6050, 15.4777, -64.5516**, and **115.7790, 24.7590, -101.5382** is the 20% darker color. If you saturate the color by 10%, you get **174.3560, 22.9955, -95.9052**, and if you desaturate by 10%, it is **187.5120, 16.5096, -68.8550**.

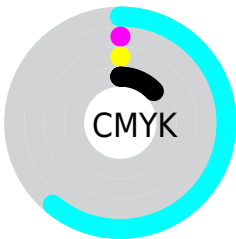
# Distribution



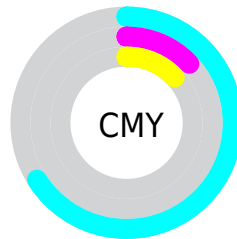
- Red (34%)
- Green (87%)
- Blue (87%)



- Red (34%)
- Yellow (60%)
- Blue (87%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (66%)
- Magenta (13%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 180.9340, 19.7525, -82.3801 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 180.9340, 19.7525, -82.3801 by changing the saturation by 10% instead.



180.9340, 19.7525,  
-82.3801

180.9340, 19.7525,  
-82.3801

255.0000, 0.0000,  
0.0000

149.9440, 21.2266,  
-88.5279

223.6050, 15.4777,  
-64.5516

115.7790, 24.7590,  
-101.5382

232.8740, 10.9081,  
-45.4935

97.5530, 20.9264,  
-85.5540

241.8440, 6.4859,  
-27.0502

79.3270, 17.0938,  
-69.5698

251.1130, 1.9163,  
-7.9921

61.9160, 13.8454,  
-54.3003

44.5050, 10.5970,  
-39.0309

29.0830, 7.3541,

-25.5058

■ 8.6060, 7.5892,  
-7.5475

■ 0.0000, 0.0000,  
0.0000

■ 180.9340, 19.7525,  
-82.3801

■ 180.9340, 19.7525,  
-82.3801

■ 174.3560, 22.9955,  
-95.9052

■ 187.5120, 16.5096,  
-68.8550

■ 167.7780, 26.2384,  
-109.4303

■ 194.0900, 13.2666,  
-55.3299

■ 161.2000, 29.4814,  
-122.9554

■ 200.6680, 10.0237,  
-41.8048

■ 154.9210, 32.5769,  
-135.8657

■ 207.2460, 6.7807,  
-28.2797

■ 214.1230, 3.3904,  
-14.1399

■ 220.7010, 0.1474,  
-0.6148

■ 227.2790, -3.0955,  
12.9103

■ 231.1660, -5.0118,  
20.9024

# Harmonies

## Analogous

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



187.3060, -1.1369, -55.5194



180.9340, 19.7525, -82.3801



182.4080, 34.3089, -84.5498

# Triad

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



180.9340, 19.7525, -82.3801



206.7510, 21.3218, 21.2664



200.9140, -32.9886, 34.2784

# Complementary

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



180.9340, 19.7525, -82.3801



127.0660, -19.7525, 82.3801

# 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.



200.9940, -24.1540, 47.3633



180.9340, 19.7525, -82.3801



205.1100, 6.8478, 43.7535

# Square

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



180.9340, 19.7525, -82.3801



200.3120, 26.9612, -14.3056



200.4190, -8.5876, 47.8675



197.7920, -31.4495, 7.1984

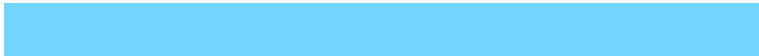


# Rectangle

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



180.9340, 19.7525, -82.3801



187.8880, 33.0862, -65.6768



200.4190, -8.5876, 47.8675



201.7130, -31.4105, 41.4707

# Sweetspot

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



180.9340, 19.7525, -82.3801



241.2460, 6.7807, -28.2797



165.6580, -38.7784, -68.9831



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.



180.9340, 19.7525, -82.3801



199.3860, 27.4177, -114.3485



141.6050, 39.1417, -47.8886



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.



142.3420, 38.7784, 68.9831



145.8180, 53.8267, 95.7526



166.3950, -39.1417, 47.8886



103.5430, 3.1833, 5.6628



71.4490, 50.0646, 89.0602

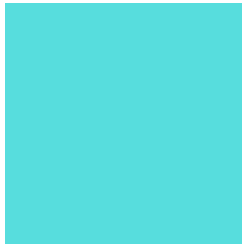


18.9980, 13.3120, 23.6808



# Previews

## White Background



This preview shows how the YUV color 180.9340, 19.7525, -82.3801 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

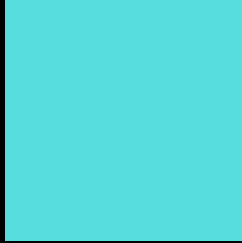
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 180.9340, 19.7525, -82.3801 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

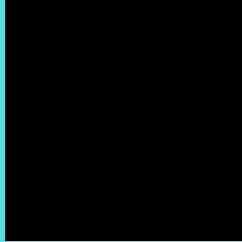
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

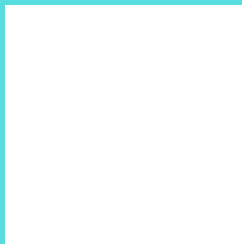
Any Text WCAG AAA ✓ Pass

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

# YUV 180.9340, 19.7525, -82.3801 Background



This preview shows how black text looks on a background with the YUV color 180.9340, 19.7525, -82.3801.



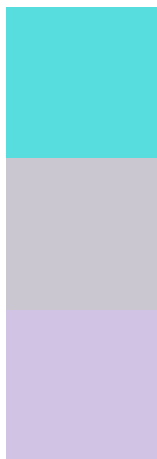
This preview shows how white text looks on a background with the YUV color 180.9340, 19.7525, -82.3801.

-82.3801.

# 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

180.9340, 19.7525, -82.3801

### Protanopia

200.9230, 3.4890, 0.9445

### Deuteranopia

202.5350, 12.0612, 4.7928



## Tritanopia

183.5630, 25.8514, -78.5468

# Trichromacy



## Original Color

180.9340, 19.7525, -82.3801



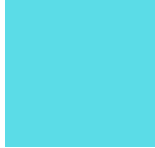
## Protanomaly

193.6310, 9.5489, -29.4944



## Deuteranomaly

194.4340, 15.0690, -26.6906



## Tritanomaly

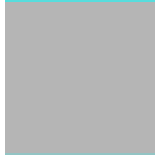
182.6830, 23.8203, -80.4060

# Monochromacy



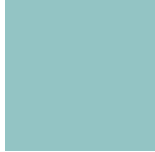
## Original Color

180.9340, 19.7525, -82.3801



## Achromatopsia

181.0000, 0.0000, 0.0000



## Achromatomaly

181.3490, 7.2229, -30.1241

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 180.9340, 19.7525, -82.3801 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(87, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(87, 221, 221)  
}
```

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(87, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 221, 221) }
```

## Border

The CSS property to change the border of an element to YUV 180.9340, 19.7525, -82.3801 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(87, 221, 221) }
```



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

```
.border{ border-color:rgb(87, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(87, 221,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 180.9340, 19.7525, -82.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 221, 221) }
```

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

```
.background{ background-color: rgb(87, 221,  
221) }
```

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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