

# Converting Colors

YUV(185.8850, 20.7627,  
-79.7061)

Have a look what the booklet for  
YUV(185.8850, 20.7627, -79.7061)  
contains.

<b>YUV(185.8850, 20.7627, -79.7061)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(185.8850, 20.7627,  
-79.7061)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FE0E4
RGB	95, 224, 228
RGB Percent	37%, 88%, 89%
CMY	0.6275, 0.1216, 0.1059
CMYK	0.58, 0.02, 0.00, 0.11
HSL	182°, 71%, 63%
HSV	182°, 58%, 89%
XYZ	45.3786, 61.3456, 82.8480
YIQ	185.8850, -78.1680, -26.1040

# Conversions

## Conversions Part 2

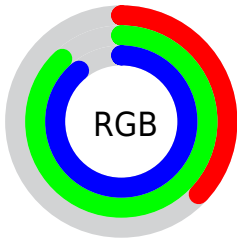
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 160, 228
Decimal	6283492
CIE Lab	82.56, -34.06, -12.65
CIE LCh	83, 36.331, 200.375
Yxy	61.3456, 0.2394, 0.3236
Android (android.graphics.Color)	4284473572 (0xFF5FE0E4)
YUV	185.8850, 20.7627, -79.7061
Hunter-Lab	78.3235, -33.6478, -7.8886

# Details

The YUV color **185.8850, 20.7627, -79.7061** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **137.1150, -20.7627, 79.7061**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **118.3380, 26.9484, -103.7824** is the 20% darker color. If you saturate the color by 10%, you get **178.4210, 24.4424, -93.3312**, and if you desaturate by 10%, it is **193.3490, 17.0829, -66.0811**.

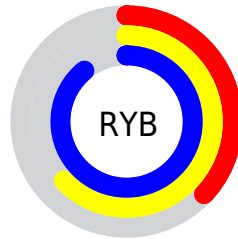
# Distribution



Red (37%)

Green (88%)

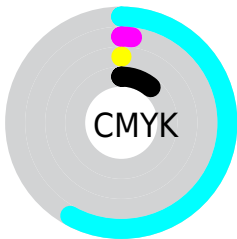
Blue (89%)



Red (37%)

Yellow (63%)

Blue (89%)

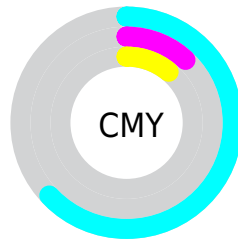


Cyan (58%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (63%)

Magenta (12%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 185.8850, 20.7627, -79.7061 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 185.8850, 20.7627, -79.7061 by changing the saturation by 10% instead.



185.8850, 20.7627,  
-79.7061

185.8850, 20.7627,  
-79.7061

255.0000, 0.0000,  
0.0000

155.7920, 21.7945,  
-84.0096

225.6980, 14.4459,  
-60.2481

118.3380, 26.9484,  
-103.7824

234.9670, 9.8763,  
-41.1901

99.4110, 22.9684,  
-87.1834

243.9370, 5.4541,  
-22.7467

81.1850, 19.1358,  
-71.1992

253.2060, 0.8844,  
-3.6887

63.7740, 15.8874,  
-55.9298

46.9500, 12.3497,  
-41.1751

30.9410, 9.3961,

-27.1353

■ 13.8720, 7.4581,  
-12.1657

■ 0.0000, 0.0000,  
0.0000

■ 185.8850, 20.7627,  
-79.7061

■ 185.8850, 20.7627,  
-79.7061

■ 178.4210, 24.4424,  
-93.3312

■ 193.3490, 17.0829,  
-66.0811

■ 171.5440, 27.8328,  
-107.4711

■ 200.2260, 13.6926,  
-51.9412

■ 164.3790, 31.3652,  
-120.4814

■ 207.3910, 10.1602,  
-38.9309

■ 156.9150, 35.0449,  
-134.1065

■ 214.8550, 6.4805,  
-25.3058

■ 155.7190, 35.6345,  
-136.5656

■ 221.7320, 3.0901,  
-11.1660

■ 229.1960, -0.5896,  
2.4591

■ 236.6600, -4.2694,  
16.0842

■ 237.2470, -4.5588,  
15.5694

# Harmonies

## Analogous

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



191.1640, 0.9051, -57.1488



185.8850, 20.7627, -79.7061



188.1100, 32.9768, -77.2725

# Triad

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



185.8850, 20.7627, -79.7061



210.4910, 18.9849, 24.1254



204.5930, -32.8303, 30.1749

# Complementary

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



185.8850, 20.7627, -79.7061



137.1150, -20.7627, 79.7061

# 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.



204.1570, -24.7274, 44.5893



185.8850, 20.7627, -79.7061



207.3440, 5.2534, 41.7943

# Square

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



185.8850, 20.7627, -79.7061



205.3620, 24.4715, -9.0875



203.3540, -10.0345, 45.2935



201.2260, -29.6914, 3.3098

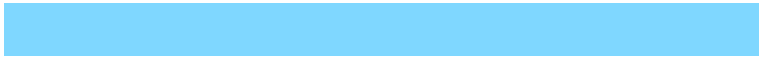


# Rectangle

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



185.8850, 20.7627, -79.7061



193.2480, 30.4437, -58.0995



203.3540, -10.0345, 45.2935



205.6910, -31.3997, 37.9820

# Sweetspot

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



185.8850, 20.7627, -79.7061



240.6590, 7.0701, -27.7649



173.2990, -37.6154, -68.6682



118.7420, 4.5642, -17.3137



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.



185.8850, 20.7627, -79.7061



198.8430, 27.6854, -106.8563



147.7300, 39.5731, -46.2442



110.8250, 2.0583, -6.8625



121.9570, 28.1222, -106.9563



34.5770, 8.0965, -30.3240



# Inverse Universe

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



149.4730, 36.7418, 68.8682



149.9440, 49.3276, 92.1341



175.2700, -39.5731, 46.2442



107.8420, 3.0359, 6.2776



73.2430, 49.1802, 92.7489

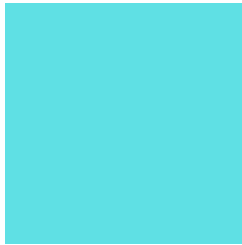


20.8350, 13.8853, 26.4547



# Previews

## White Background



This preview shows how the YUV color 185.8850, 20.7627, -79.7061 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

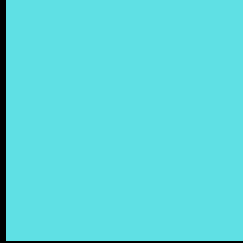
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 185.8850, 20.7627, -79.7061 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 185.8850, 20.7627, -79.7061 Background



This preview shows how black text looks on a background with the YUV color 185.8850, 20.7627, -79.7061.



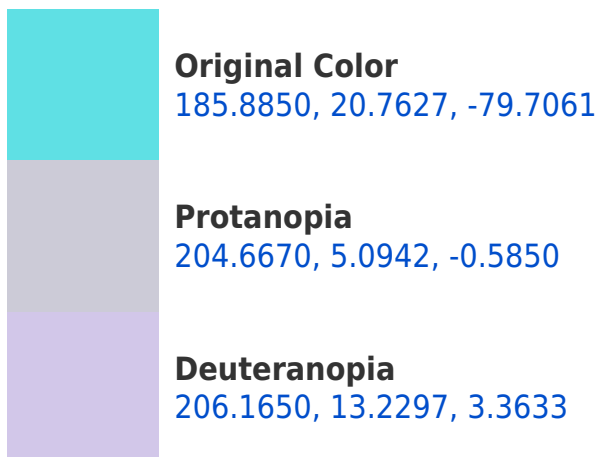
This preview shows how white text looks on a background with the YUV color 185.8850, 20.7627, -79.7061.

-79.7061.

# 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





## Tritanopia

187.5740, 25.8460, -76.8024

# Trichromacy



## Original Color

185.8850, 20.7627, -79.7061



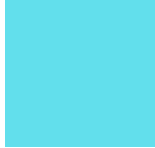
## Protanomaly

197.9730, 10.8593, -29.7943



## Deuteranomaly

198.6620, 15.9426, -26.8906



## Tritanomaly

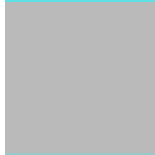
187.1070, 24.1042, -78.1468

# Monochromacy



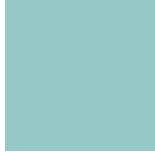
## Original Color

185.8850, 20.7627, -79.7061



## Achromatopsia

186.0000, 0.0000, 0.0000



## Achromatomaly

186.0610, 7.3649, -28.9945

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.8850, 20.7627, -79.7061 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(95, 224, 228)` looks like.

```
.text, #text, p{  
    color:rgb(95, 224, 228)  
}
```

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(95, 224, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 224, 228) }
```

## Border

The CSS property to change the border of an element to YUV 185.8850, 20.7627, -79.7061 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(95, 224, 228) }
```



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

```
.border{ border-color:rgb(95, 224, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 224, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(95, 224,  
228) }
```

# Background

The CSS property to change the background color of an element to YUV 185.8850, 20.7627, -79.7061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 224, 228) }
```

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

```
.background{ background-color: rgb(95, 224,  
228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor