

# Converting Colors

YUV(194.2700, 10.2199,  
-58.1188)

Have a look what the booklet for  
YUV(194.2700, 10.2199, -58.1188)  
contains.

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# Color

**YUV(194.2700, 10.2199,  
-58.1188)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80E0D7
RGB	128, 224, 215
RGB Percent	50%, 88%, 84%
CMY	0.4980, 0.1216, 0.1569
CMYK	0.43, 0.00, 0.04, 0.12
HSL	174°, 61%, 69%
HSV	174°, 43%, 88%
XYZ	47.8235, 62.8068, 73.8923
YIQ	194.2700, -54.3270, -23.1510

# Conversions

## Conversions Part 2

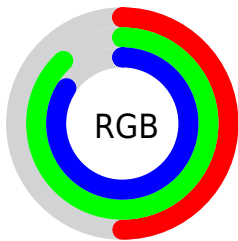
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 178, 224
Decimal	8446167
CIELab	83.34, -30.51, -4.48
CIELCh	83, 30.836, 188.352
Yxy	62.8068, 0.2592, 0.3404
Android (android.graphics.Color)	4286636247 (0xFF80E0D7)
YUV	194.2700, 10.2199, -58.1188
Hunter-Lab	79.2507, -30.9738, 0.1943

# Details

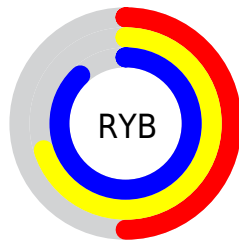
The YUV color **194.2700, 10.2199, -58.1188** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **157.7300, -10.2199, 58.1188**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0700, 10.3185, -43.0344**, and **137.7860, 10.9515, -59.4483** is the 20% darker color. If you saturate the color by 10%, you get **187.4640, 12.5892, -71.4439**, and if you desaturate by 10%, it is **201.0760, 7.8505, -44.7937**.

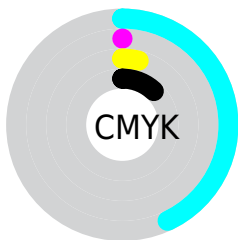
# Distribution



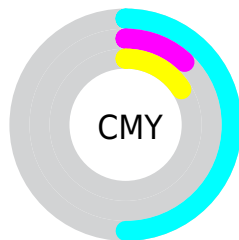
- Red (50%)
- Green (88%)
- Blue (84%)



- Red (50%)
- Yellow (70%)
- Blue (88%)



- Cyan (43%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (50%)
- Magenta (12%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 194.2700, 10.2199, -58.1188 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 194.2700, 10.2199, -58.1188 by changing the saturation by 10% instead.



194.2700, 10.2199,  
-58.1188

194.2700, 10.2199,  
-58.1188

255.0000, 0.0000,  
0.0000

165.9710, 10.3673,  
-58.7336

234.0700, 10.3185,  
-43.0344

137.7860, 10.9515,  
-59.4483

243.0400, 5.8963,  
-24.5911

109.6930, 11.9834,  
-63.7518

251.7110, 1.6215,  
-6.7625

80.5180, 14.0416,  
-70.6143

63.1070, 10.7932,  
-55.3448

46.3970, 7.6923,  
-40.6902

30.3880, 4.7387,

-26.6503

■ 14.0200, 2.9481,  
-12.2955

■ 0.0000, 0.0000,  
0.0000

■ 194.2700, 10.2199,  
-58.1188

■ 194.2700, 10.2199,  
-58.1188

■ 187.4640, 12.5892,  
-71.4439

■ 201.0760, 7.8505,  
-44.7937

■ 180.3590, 15.1060,  
-85.3838

■ 208.1810, 5.3338,  
-30.8537

■ 173.5530, 17.4754,  
-98.7090

■ 214.9870, 2.9644,  
-17.5286

■ 166.4480, 19.9921,  
-112.6489

■ 222.0920, 0.4476,  
-3.5887

■ 159.6420, 22.3615,  
-125.9740

■ 229.0120, -1.4849,  
9.6365

■ 154.6300, 23.8464,  
-135.6105

■ 233.7250, -2.8224,  
18.6582

■ 233.9530, -1.9488,  
18.4582

■ 234.1810, -1.0752,  
18.2583

■ 234.4090, -0.2016,  
18.0583

# Harmonies

## Analogous

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



197.7490, -6.2853, -37.4909



194.2700, 10.2199, -58.1188



194.1950, 24.0609, -64.1920

# Triad

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



194.2700, 10.2199, -58.1188



210.8590, 20.7755, 9.7707



208.2220, -26.7314, 34.0083

# Complementary

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



194.2700, 10.2199, -58.1188



157.7300, -10.2199, 58.1188

# 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.



207.4970, -17.0070, 41.6601



194.2700, 10.2199, -58.1188



212.5110, 8.6221, 34.6319

# Square

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



194.2700, 10.2199, -58.1188



205.8830, 24.2147, -20.0684



208.2270, -4.0559, 41.0199



205.2750, -27.2506, 13.7908

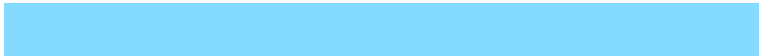


# Rectangle

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



194.2700, 10.2199, -58.1188



197.3900, 28.4017, -56.4700



208.2270, -4.0559, 41.0199



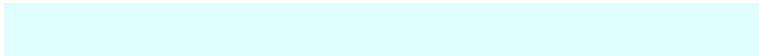
209.1240, -24.7111, 39.3563

# Sweetspot

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



194.2700, 10.2199, -58.1188



244.7910, 3.5540, -19.9877



187.3420, -29.2556, -43.2729



121.4930, 2.2220, -12.7104



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.



194.2700, 10.2199, -58.1188



214.7620, 13.9213, -78.7213



172.9900, 25.1479, -39.4562



108.5970, 1.1847, -6.6626



121.4380, 18.5181, -106.5011



33.1920, 5.3283, -29.1094



# Inverse Universe

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



157.7300, -10.2199, 58.1188



165.2380, -13.9213, 78.7213



179.0100, -25.1479, 39.4562



104.4030, -1.1847, 6.6626



54.4480, -18.9549, 106.6011

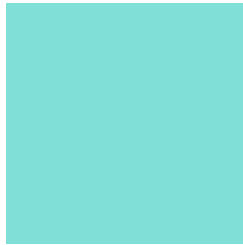


14.9220, -4.8915, 29.0094



# Previews

## White Background



This preview shows how the YUV color 194.2700, 10.2199, -58.1188 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

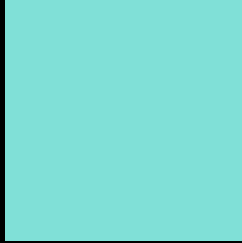
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 194.2700, 10.2199, -58.1188 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

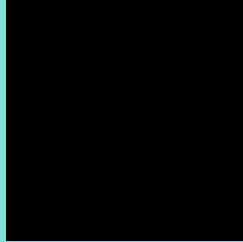
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 194.2700, 10.2199, -58.1188

## Background



This preview shows how black text looks on a background with the YUV color 194.2700, 10.2199, -58.1188.



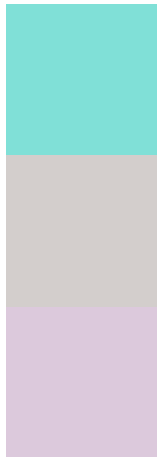
This preview shows how white text looks on a background with the YUV color 194.2700, 10.2199, -58.1188.



# 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

194.2700, 10.2199, -58.1188

### Protanopia

207.2670, -1.6106, 3.2738

### Deuteranopia

208.8470, 5.4984, 9.7812



## Tritanopia

196.6370, 20.3920, -54.0556

# Trichromacy



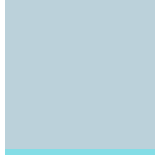
## Original Color

194.2700, 10.2199, -58.1188



## Protanomaly

202.8620, 2.5330, -19.1730



## Deuteranomaly

203.4480, 7.1741, -14.4249



## Tritanomaly

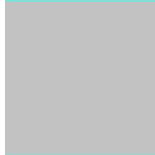
195.4150, 17.0504, -55.6150

# Monochromacy



## Original Color

194.2700, 10.2199, -58.1188



## Achromatopsia

194.0000, 0.0000, 0.0000



## Achromatomaly

194.1930, 3.8489, -21.2173

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.2700, 10.2199, -58.1188 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(128, 224, 215)` looks like.

```
.text, #text, p{  
    color:rgb(128, 224, 215)  
}
```

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(128, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 224, 215) }
```

## Border

The CSS property to change the border of an element to YUV 194.2700, 10.2199, -58.1188 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(128, 224, 215) }
```



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

```
.border{ border-color:rgb(128, 224, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 224, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(128, 224,  
215) }
```

# Background

The CSS property to change the background color of an element to YUV 194.2700, 10.2199, -58.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 224, 215) }
```

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

```
.background{ background-color: rgb(128,  
224, 215) }
```

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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