

# Converting Colors

YUV(194.1270, -3.0206,  
-57.9934)

Have a look what the booklet for  
YUV(194.1270, -3.0206, -57.9934)  
contains.

<b>YUV(194.1270, -3.0206, -57.9934)</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(194.1270, -3.0206,  
-57.9934)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80E5BC
RGB	128, 229, 188
RGB Percent	50%, 90%, 74%
CMY	0.4980, 0.1020, 0.2627
CMYK	0.44, 0.00, 0.18, 0.10
HSL	156°, 66%, 70%
HSV	156°, 44%, 90%
XYZ	45.9985, 64.2587, 57.5557
YIQ	194.1270, -47.0350, -34.1630

# Conversions

## Conversions Part 2

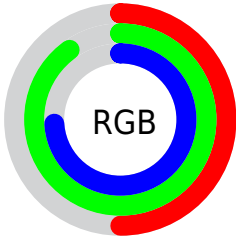
Format	Color
<a href="#">RYB</a>	<a href="#">128, 191, 229</a>
Decimal	<a href="#">8447420</a>
CIELab	<a href="#">84.10, -38.91, 10.88</a>
CIELCh	<a href="#">84, 40.399, 164.383</a>
Yxy	<a href="#">64.2587, 0.2741, 0.3829</a>
Android (android.graphics.Color)	<a href="#">4286637500 (0xFF80E5BC)</a>
YUV	<a href="#">194.1270, -3.0206, -57.9934</a>
Hunter-Lab	<a href="#">80.1615, -37.8552, 13.5430</a>

# Details

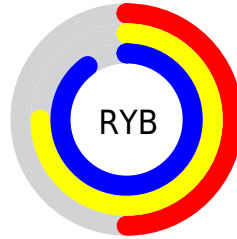
The YUV color **194.1270, -3.0206, -57.9934** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **162.8730, 3.0206, 57.9934**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8160, 5.5137, -41.9346**, and **138.1700, -1.5628, -58.9081** is the 20% darker color. If you saturate the color by 10%, you get **186.2240, -3.5614, -71.2334**, and if you desaturate by 10%, it is **202.0300, -2.4798, -44.7533**.

# Distribution



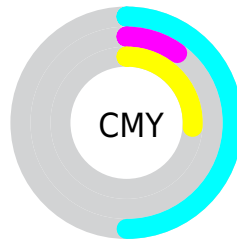
- Red (50%)
- Green (90%)
- Blue (74%)



- Red (50%)
- Yellow (75%)
- Blue (90%)



- Cyan (44%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)




- Cyan (50%)
- Magenta (10%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 194.1270, -3.0206, -57.9934 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 194.1270, -3.0206, -57.9934 by changing the saturation by 10% instead.





 194.1270, -3.0206,  
-57.9934


 194.1270, -3.0206,  
-57.9934

255.0000, 0.0000,  
0.0000


 166.2410, -2.5838,  
-58.0934

 232.8160, 5.5137,  
-41.9346


 138.1700, -1.5628,  
-58.9081


 242.7410, 6.0437,  
-25.2059

 109.7890, -0.3890,  
-62.0820

 251.7110, 1.6215,  
-6.7625

 80.1300, 2.4009,  
-70.2740

 62.2460, -0.1213,  
-54.5897

 45.6500, -2.7854,  
-40.0350

 29.7550, -5.3022,

-26.0951

■ 13.5010, -6.6560,  
-11.8404

■ 0.0000, 0.0000,  
0.0000

■ 194.1270, -3.0206,  
-57.9934

■ 194.1270, -3.0206,  
-57.9934

■ 186.2240, -3.5614,  
-71.2334

■ 202.0300, -2.4798,  
-44.7533

■ 178.2070, -4.5391,  
-84.3735

■ 210.0470, -1.5022,  
-31.6132

■ 170.3040, -5.0799,  
-97.6136

■ 217.9500, -0.9613,  
-18.3731

■ 162.4010, -5.6207,  
-110.8537

■ 225.8530, -0.4205,  
-5.1331

■ 154.4980, -6.1615,  
-124.0937

■ 233.7560, 0.1203,  
8.1070

■ 149.9270, -6.8660,  
-131.4860

■ 238.4840, 2.7194,  
14.4845

■ 239.5100, 6.6506,  
13.5847

■ 239.7380, 7.5242,  
13.3848

# Harmonies

## Analogous

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



200.7820, -23.0635, -22.6108



194.1270, -3.0206, -57.9934



185.7050, 20.3584, -90.0723

# Triad

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



194.1270, -3.0206, -57.9934



206.1930, 24.0619, -17.7093



204.6130, -22.9802, 44.1894

# Complementary

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



194.1270, -3.0206, -57.9934



162.8730, 3.0206, 57.9934

# 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.



204.4940, -5.6665, 44.2938



194.1270, -3.0206, -57.9934



213.5230, 20.4482, 21.4663

# Square

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



194.1270, -3.0206, -57.9934



194.9980, 29.5810, -61.3882



210.0000, 10.3530, 39.4650



209.2520, -35.6202, 38.3670



# Rectangle

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



194.1270, -3.0206, -57.9934



183.9670, 33.0473, -99.9491



210.0000, 10.3530, 39.4650



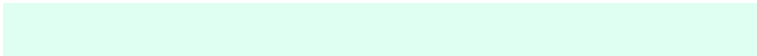
204.1060, -17.3073, 44.6340

# Sweetspot

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



194.1270, -3.0206, -57.9934



243.6510, -0.8139, -18.9879



199.8450, -35.4196, -26.1741



120.6950, -0.8356, -12.0105



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.



194.1270, -3.0206, -57.9934



208.3650, -4.1239, -77.4961



194.1050, 17.2032, -57.9741



110.8420, -0.4151, -6.8774



117.1570, -5.5004, -102.7467



33.3570, -1.6550, -29.2541



# Inverse Universe

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



162.8730, 3.0206, 57.9934



166.6350, 4.1239, 77.4961



162.8950, -17.2032, 57.9741



107.1580, 0.4151, 6.8774



61.7290, 5.0636, 102.8467

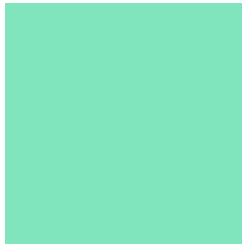


17.6430, 1.6550, 29.2541



# Previews

## White Background



This preview shows how the YUV color 194.1270, -3.0206, -57.9934 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

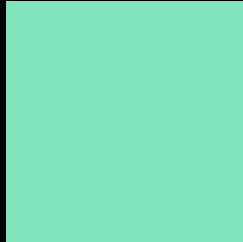
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 194.1270, -3.0206, -57.9934 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 194.1270, -3.0206, -57.9934 Background



This preview shows how black text looks on a background with the YUV color 194.1270, -3.0206, -57.9934.



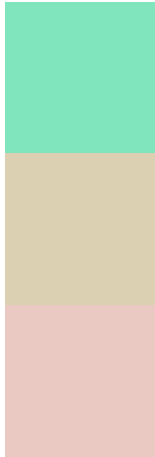
This preview shows how white text looks on a background with the YUV color 194.1270, -3.0206, -57.9934.

-57.9934.

# 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

194.1270, -3.0206, -57.9934

### Protanopia

207.7550, -15.1622, 9.8619

### Deuteranopia

210.0690, -7.9220, 20.9875



## Tritanopia

199.8330, 19.8023, -51.5965

# Trichromacy



## Original Color

194.1270, -3.0206, -57.9934



## Protanomaly

203.0400, -10.8657, -14.9441



## Deuteranomaly

204.0500, -5.9407, -7.9369



## Tritanomaly

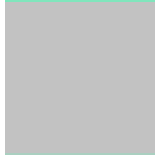
197.9330, 11.3720, -54.3152

# Monochromacy



## Original Color

194.1270, -3.0206, -57.9934



## Achromatopsia

194.0000, 0.0000, 0.0000



## Achromatomaly

194.2270, -1.0979, -21.2471

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.1270, -3.0206, -57.9934 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, 229, 188)` looks like.

```
.text, #text, p{  
    color:rgb(128, 229, 188)  
}
```

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, 229, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 229, 188) }
```

## Border

The CSS property to change the border of an element to YUV 194.1270, -3.0206, -57.9934 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, 229, 188) }
```



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

```
.border{ border-color:rgb(128, 229, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 229, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 229, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 229, 188); box-shadow:4px 4px 4px 4px rgb(128, 229, 188) }
```

# Background

The CSS property to change the background color of an element to YUV 194.1270, -3.0206, -57.9934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 229, 188) }
```

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

```
.background{ background-color: rgb(128,  
229, 188) }
```

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