

# Converting Colors

YUV(200.0330, 2.9417,  
-57.0339)

Have a look what the booklet for  
YUV(200.0330, 2.9417, -57.0339)  
contains.

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# Color

**YUV(200.0330, 2.9417,  
-57.0339)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87E8CE
RGB	135, 232, 206
RGB Percent	53%, 91%, 81%
CMY	0.4706, 0.0902, 0.1922
CMYK	0.42, 0.00, 0.11, 0.09
HSL	164°, 68%, 72%
HSV	164°, 42%, 91%
XYZ	49.9889, 67.3204, 68.7520
YIQ	200.0330, -49.4660, -28.6500

# Conversions

## Conversions Part 2

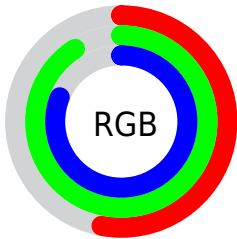
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 191, 232
Decimal	8906958
CIELab	85.67, -34.62, 3.70
CIELCh	86, 34.813, 173.894
Yxy	67.3204, 0.2687, 0.3618
Android (android.graphics.Color)	4287097038 (0xFF87E8CE)
YUV	200.0330, 2.9417, -57.0339
Hunter-Lab	82.0490, -34.8335, 7.7529

# Details

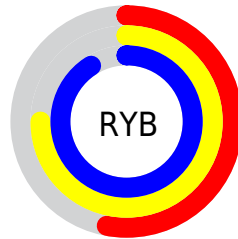
The YUV color  $200.0330, 2.9417, -57.0339$  is a light color, and the websafe version is hex  $99FFCC$ . A complement of this color would be  $166.9670, -2.9417, 57.0339$ , and the grayscale version is  $200.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $236.1630, 9.2866, -38.7310$ , and  $143.9620, 3.9627, -57.8487$  is the 20% darker color. If you saturate the color by 10%, you get  $192.4720, 3.7113, -70.5739$ , and if you desaturate by 10%, it is  $207.5940, 2.1722, -43.4939$ .

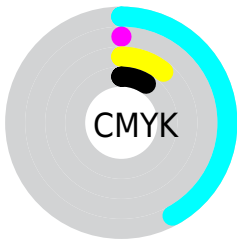
# Distribution



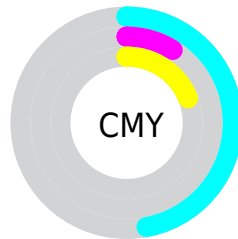
- Red (53%)
- Green (91%)
- Blue (81%)



- Red (53%)
- Yellow (75%)
- Blue (91%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)




- Cyan (47%)
- Magenta (9%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 200.0330, 2.9417, -57.0339 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 200.0330, 2.9417, -57.0339 by changing the saturation by 10% instead.




 200.0330, 2.9417,  
-57.0339

 200.0330, 2.9417,  
-57.0339

255.0000, 0.0000,  
0.0000

 172.1470, 3.3785,  
-57.1339


 236.1630, 9.2866,  
-38.7310


 143.9620, 3.9627,  
-57.8487


 244.8340, 5.0118,  
-20.9024

 116.1790, 4.8418,  
-59.7930

 253.8040, 0.5896,  
-2.4591

 84.0140, 8.3741,  
-72.8033

 65.7170, 5.5625,  
-57.6338

 49.0070, 2.4615,  
-42.9791

 32.5250, 0.2342,

-28.5244

■ 17.6900, -3.2982,  
-15.5141

■ 0.0000, 0.0000,  
0.0000

■ 200.0330, 2.9417,  
-57.0339

■ 200.0330, 2.9417,  
-57.0339

■ 192.4720, 3.7113,  
-70.5739

■ 207.5940, 2.1722,  
-43.4939

■ 184.9110, 4.4809,  
-84.1139

■ 215.1550, 1.4026,  
-29.9539

■ 176.9370, 4.9611,  
-98.1687

■ 223.1290, 0.9224,  
-15.8991

■ 169.3760, 5.7306,  
-111.7088

■ 230.6900, 0.1528,  
-2.3591

■ 161.8150, 6.5002,  
-125.2488

■ 238.2510, -0.6167,  
11.1809

■ 155.5640, 7.1169,  
-136.4296

■ 240.1310, 1.4144,  
13.0401

■ 240.9290, 4.4720,  
12.3403

■ 241.4990, 6.6560,  
11.8404

# Harmonies

## Analogous

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



205.1000, -15.3323, -29.0287



200.0330, 2.9417, -57.0339



196.7330, 21.3306, -75.1878

# Triad

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



200.0330, 2.9417, -57.0339



213.9560, 20.2347, -3.4694



211.5260, -24.4163, 38.1267

# Complementary

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



200.0330, 2.9417, -57.0339



166.9670, -2.9417, 57.0339

# 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.



209.9080, -10.3076, 39.5457



200.0330, 2.9417, -57.0339



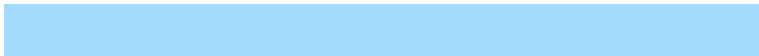
219.2310, 16.6481, 26.9844

# Square

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



200.0330, 2.9417, -57.0339



206.0610, 24.1269, -38.6415



213.0830, 4.3961, 36.7612



213.2120, -31.6565, 27.0011

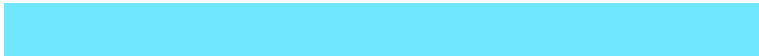


# Rectangle

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



200.0330, 2.9417, -57.0339



197.8670, 28.1666, -74.4284



213.0830, 4.3961, 36.7612



210.6770, -20.0538, 38.8713

# Sweetspot

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



200.0330, 2.9417, -57.0339



244.1070, 0.9332, -19.3878



200.0120, -32.0509, -33.3365



121.0370, 0.4748, -12.3104



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

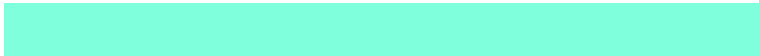


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



200.0330, 2.9417, -57.0339



213.1510, 3.8696, -74.6774



190.6700, 20.3757, -48.8226



111.0700, 0.4585, -7.0774



120.0070, 5.4195, -105.2461



34.1550, 1.4026, -29.9539



# Inverse Universe

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



166.9670, -2.9417, 57.0339



169.8490, -3.8696, 74.6774



176.3300, -20.3757, 48.8226



106.9300, -0.4585, 7.0774



58.9930, -5.4195, 105.2461

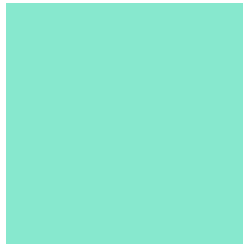


16.8450, -1.4026, 29.9539



# Previews

## White Background



This preview shows how the YUV color 200.0330, 2.9417, -57.0339 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

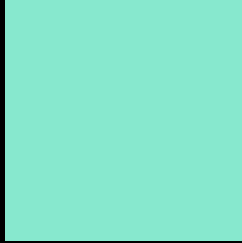
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 200.0330, 2.9417, -57.0339 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

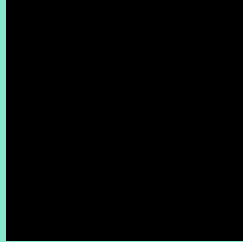
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 200.0330, 2.9417, -57.0339

## Background



This preview shows how black text looks on a background with the YUV color 200.0330, 2.9417, -57.0339.



This preview shows how white text looks on a background with the YUV color 200.0330, 2.9417, -57.0339.

-57.0339.

# 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

200.0330, 2.9417, -57.0339

### Protanopia

212.7530, -8.7522, 7.2326

### Deuteranopia

214.9420, -1.9434, 16.7139



## Tritanopia

203.9470, 20.2391, -51.6965

# Trichromacy



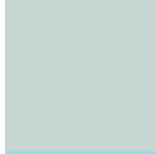
## Original Color

200.0330, 2.9417, -57.0339



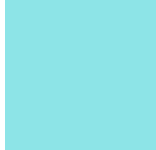
## Protanomaly

208.0490, -4.4612, -15.8290



## Deuteranomaly

209.2330, -0.1149, -9.8513



## Tritanomaly

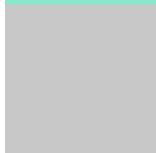
202.3290, 14.1348, -53.7855

# Monochromacy



## Original Color

200.0330, 2.9417, -57.0339



## Achromatopsia

200.0000, 0.0000, 0.0000



## Achromatomaly

200.0960, 0.9387, -21.1322

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 200.0330, 2.9417, -57.0339 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(135, 232, 206)` looks like.

```
.text, #text, p{  
    color:rgb(135, 232, 206)  
}
```

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(135, 232, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 232, 206) }
```

## Border

The CSS property to change the border of an element to YUV 200.0330, 2.9417, -57.0339 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(135, 232, 206) }
```



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

```
.border{ border-color:rgb(135, 232, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 232, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 232, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 232, 206);  
box-shadow:4px 4px 4px 4px rgb(135, 232,  
206) }
```

# Background

The CSS property to change the background color of an element to YUV 200.0330, 2.9417, -57.0339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 232, 206) }
```

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

```
.background{ background-color: rgb(135,  
232, 206) }
```

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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