

Converting Colors

YUV(199.3050, 0.3426,
-63.4115)

Have a look what the booklet for
YUV(199.3050, 0.3426, -63.4115)
contains.

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Color

**YUV(199.3050, 0.3426,
-63.4115)**

Conversions

Conversions Part 1

Format	Color
Hex	7FECC8
RGB	127, 236, 200
RGB Percent	50%, 93%, 78%
CMY	0.5020, 0.0745, 0.2157
CMYK	0.46, 0.00, 0.15, 0.07
HSL	160°, 74%, 71%
HSV	160°, 46%, 93%
XYZ	49.1732, 68.6731, 65.3071
YIQ	199.3050, -53.4080, -34.3040

Conversions

Conversions Part 2

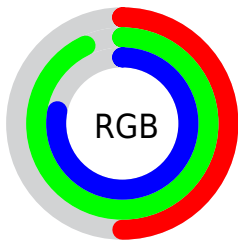
Format	Color
RYB	127, 192, 236
Decimal	8383688
CIELab	86.34, -39.74, 7.78
CIElCh	86, 40.494, 168.917
Yxy	68.6731, 0.2685, 0.3749
Android (android.graphics.Color)	4286573768 (0xFF7FECC8)
YUV	199.3050, 0.3426, -63.4115
Hunter-Lab	82.8692, -39.1023, 11.2835

Details

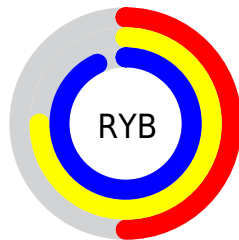
The YUV color $199.3050, 0.3426, -63.4115$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $163.6950, -0.3426, 63.4115$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.0700, 10.3185, -43.0344$, and $142.6360, 1.6585, -65.4558$ is the 20% darker color. If you saturate the color by 10%, you get $191.2170, 0.3860, -77.3663$, and if you desaturate by 10%, it is $207.3930, 0.2993, -49.4567$.

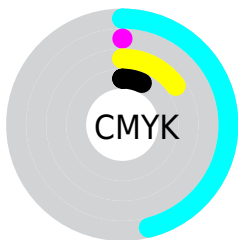
Distribution



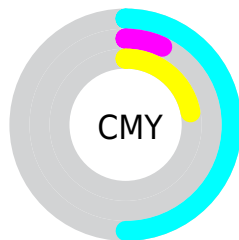
- Red (50%)
- Green (93%)
- Blue (78%)



- Red (50%)
- Yellow (75%)
- Blue (93%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (7%)




- Cyan (50%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3050, 0.3426, -63.4115 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 199.3050, 0.3426, -63.4115 by changing the saturation by 10% instead.

 199.3050, 0.3426,
-63.4115


 199.3050, 0.3426,
-63.4115


255.0000, 0.0000,
0.0000


 170.5330, 1.2162,
-63.6114


 234.0700, 10.3185,
-43.0344

 142.6360, 1.6585,
-65.4558


 242.7410, 6.0437,
-25.2059

 112.7710, 3.5639,
-69.9592

 251.7110, 1.6215,
-6.7625

 84.9060, 5.4693,
-74.4626

 66.9080, 2.5104,
-58.6783

 50.1980, -0.5906,
-44.0236

 33.7160, -2.8180,

-29.5689

■ 17.9520, -7.3713,
-15.7439

■ 0.0000, 0.0000,
0.0000

■ 199.3050, 0.3426,
-63.4115

■ 199.3050, 0.3426,
-63.4115

■ 191.2170, 0.3860,
-77.3663

■ 207.3930, 0.2993,
-49.4567

■ 183.4280, 0.2820,
-90.7064

■ 215.1820, 0.4033,
-36.1166

■ 175.4540, 0.7622,
-104.7612

■ 223.1560, -0.0769,
-22.0618

■ 167.6650, 0.6582,
-118.1012

■ 230.9450, 0.0271,
-8.7218

■ 159.5770, 0.7015,
-132.0560

■ 239.0330, -0.0163,
5.2331

■ 156.5440, 0.7178,
-137.2891

■ 242.9350, 2.0040,
10.5810

■ 243.8470, 5.4984,
9.7812

Harmonies

Analogous

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



206.3190, -20.8633, -28.3438



199.3050, 0.3426, -63.4115



192.1930, 23.5689, -93.1313

Triad

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



199.3050, 0.3426, -63.4115



213.0260, 20.6932, -10.5468



209.5370, -24.4217, 39.8711

Complementary

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



199.3050, 0.3426, -63.4115



163.6950, -0.3426, 63.4115

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.



208.6030, -7.6923, 40.6902



199.3050, 0.3426, -63.4115



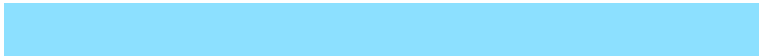
220.3450, 17.0849, 26.8844

Square

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



199.3050, 0.3426, -63.4115



202.4180, 25.9229, -54.7406



213.0490, 9.3428, 36.7910



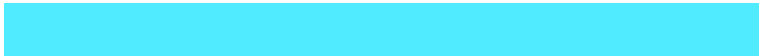
215.0020, -36.4830, 35.0782

Rectangle

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



199.3050, 0.3426, -63.4115



190.9350, 31.5840, -97.2900



213.0490, 9.3428, 36.7910



208.3290, -18.8962, 40.9305

Sweetspot

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



199.3050, 0.3426, -63.4115



242.8680, 0.0651, -20.9322



201.7470, -36.8503, -33.9811



120.5100, -0.2514, -12.7253



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.



199.3050, 0.3426, -63.4115



207.8960, 0.5443, -81.4698



192.8430, 21.2764, -57.7443



113.2550, -0.1257, -6.3626



120.0410, 0.4728, -105.2760



35.8020, 0.0976, -31.3984

Inverse Universe

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



163.6950, -0.3426, 63.4115



162.1040, -0.5443, 81.4698



170.1570, -21.2764, 57.7443



109.6310, -0.3111, 6.4626



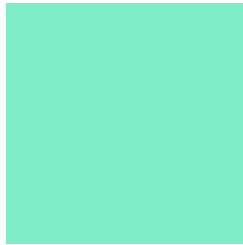
60.9590, -0.4728, 105.2760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 199.3050, 0.3426, -63.4115 looks on a white background.

Color Contrast Check

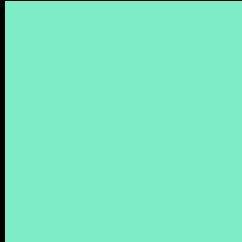
Large Text (above 18pt) WCAG AA × Fail

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 199.3050, 0.3426, -63.4115 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 199.3050, 0.3426, -63.4115

Background



This preview shows how black text looks on a background with the YUV color 199.3050, 0.3426, -63.4115.



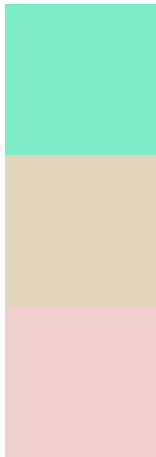
This preview shows how white text looks on a background with the YUV color 199.3050, 0.3426, -63.4115.

-63.4115.

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

199.3050, 0.3426, -63.4115

Protanopia

214.4390, -12.5414, 9.2620

Deuteranopia

217.0410, -5.4432, 19.2580



Tritanopia

204.5550, 21.4184, -56.6147

Trichromacy



Original Color

199.3050, 0.3426, -63.4115



Protanomaly

208.8270, -7.8027, -17.3883



Deuteranomaly

210.4240, -3.1670, -10.8958



Tritanomaly

202.8830, 13.8617, -59.5334

Monochromacy



Original Color

199.3050, 0.3426, -63.4115



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.8570, 0.0705, -22.6766

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3050, 0.3426, -63.4115 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(127, 236, 200)` looks like.

```
.text, #text, p{  
    color:rgb(127, 236, 200)  
}
```

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(127, 236, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 236, 200) }
```

Border

The CSS property to change the border of an element to YUV 199.3050, 0.3426, -63.4115 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(127, 236, 200) }
```


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

```
.border{ border-color:rgb(127, 236, 200) }
```

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

Here you see how a box with a 4 pixel rgb(127, 236, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 236, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 236, 200);  
box-shadow:4px 4px 4px 4px rgb(127, 236,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 199.3050, 0.3426, -63.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 236, 200) }
```

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

```
.background{ background-color: rgb(127,  
236, 200) }
```

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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