

# Converting Colors

YUV(199.2460, -3.5723,  
-67.7447)

Have a look what the booklet for  
YUV(199.2460, -3.5723, -67.7447)  
contains.

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# Color

**YUV(199.2460, -3.5723,  
-67.7447)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AF0C0
RGB	122, 240, 192
RGB Percent	48%, 94%, 75%
CMY	0.5216, 0.0588, 0.2471
CMYK	0.49, 0.00, 0.20, 0.06
HSL	156°, 80%, 71%
HSV	156°, 49%, 94%
XYZ	48.7006, 70.2635, 60.8646
YIQ	199.2460, -54.9200, -39.9440

# Conversions

## Conversions Part 2

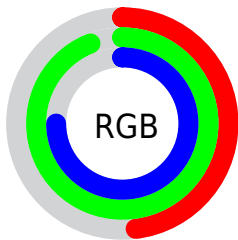
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 196, 240
Decimal	8057024
CIELab	87.13, -44.41, 13.05
CIELCh	87, 46.286, 163.623
Yxy	70.2635, 0.2708, 0.3907
Android (android.graphics.Color)	4286247104 (0xFF7AF0C0)
YUV	199.2460, -3.5723, -67.7447
Hunter-Lab	83.8233, -42.9841, 15.6255

# Details

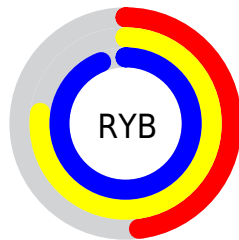
The YUV color **199.2460, -3.5723, -67.7447** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **162.7540, 3.5723, 67.7447**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.7770, 7.9979, -45.4084**, and **141.3920, -1.6723, -70.5038** is the 20% darker color. If you saturate the color by 10%, you get **190.9300, -4.4025, -81.4996**, and if you desaturate by 10%, it is **207.5620, -2.7421, -53.9899**.

# Distribution



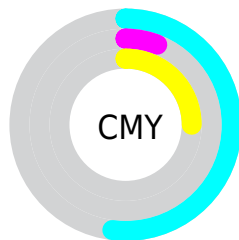
- Red (48%)
- Green (94%)
- Blue (75%)



- Red (48%)
- Yellow (77%)
- Blue (94%)



- Cyan (49%)
- Magenta (0%)
- Yellow (20%)
- Black (6%)



- Cyan (52%)
- Magenta (6%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 199.2460, -3.5723, -67.7447 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 199.2460, -3.5723, -67.7447 by changing the saturation by 10% instead.




 199.2460, -3.5723,  
-67.7447

 199.2460, -3.5723,  
-67.7447

255.0000, 0.0000,  
0.0000


 170.1750, -2.5513,  
-68.5595


 231.7770, 7.9979,  
-45.4084


 141.3920, -1.6723,  
-70.5038


 241.5450, 6.6333,  
-27.6650

 109.8360, 1.5599,  
-80.5402

 250.5150, 2.2111,  
-9.2217

 85.7550, 1.1068,  
-75.2071

 67.8710, -1.4154,  
-59.5229

 50.6880, -3.7902,  
-44.4534

 34.2060, -6.0176,

-29.9987

■ 18.7840, -9.2605,  
-16.4736

■ 0.0000, 0.0000,  
0.0000

■ 199.2460, -3.5723,  
-67.7447

■ 199.2460, -3.5723,  
-67.7447

■ 190.9300, -4.4025,  
-81.4996

■ 207.5620, -2.7421,  
-53.9899

■ 182.6140, -5.2327,  
-95.2545

■ 215.8780, -1.9119,  
-40.2350

■ 174.4120, -5.6261,  
-109.1093

■ 224.0800, -1.5184,  
-26.3802

■ 166.0960, -6.4563,  
-122.8642

■ 232.3960, -0.6882,  
-12.6253

■ 157.7800, -7.2865,  
-136.6191

■ 240.7120, 0.1420,  
1.1296

■ 157.0680, -7.4285,  
-137.7486

■ 245.7390, 2.5937,  
8.1219

■ 246.1950, 4.3409,  
7.7220

# Harmonies

## Analogous

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



207.4350, -26.8365, -25.8145



199.2460, -3.5723, -67.7447



184.9190, 25.6759, -115.6930

# Triad

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



199.2460, -3.5723, -67.7447



211.7750, 21.3099, -21.7277



207.7760, -23.5536, 41.4154

# Complementary

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



199.2460, -3.5723, -67.7447



162.7540, 3.5723, 67.7447

# 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.



207.0530, -3.4771, 42.0495



199.2460, -3.5723, -67.7447



220.9210, 16.8009, 24.6253

# Square

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



199.2460, -3.5723, -67.7447



196.6710, 28.7562, -76.8875



213.8300, 14.8738, 36.1061



213.0300, -38.9618, 36.8077



# Rectangle

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



199.2460, -3.5723, -67.7447



169.9500, 41.9297, -149.0461



213.8300, 14.8738, 36.1061



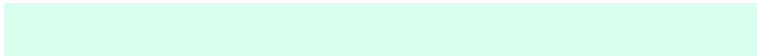
206.7960, -17.1544, 42.2749

# Sweetspot

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



199.2460, -3.5723, -67.7447



241.8140, -1.3873, -21.7619



205.9170, -41.3711, -30.6222



119.9830, -0.9776, -13.1401



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.



199.2460, -3.5723, -67.7447



203.1960, -4.5336, -86.1179



198.8480, 20.2879, -67.3957



115.8420, -0.4151, -6.8774



120.4340, -5.6370, -105.6206



36.6340, -1.7916, -32.1280



# Inverse Universe

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



162.7540, 3.5723, 67.7447



156.8040, 4.5336, 86.1179



163.1520, -20.2879, 67.3957



112.1580, 0.4151, 6.8774



63.5660, 5.6370, 105.6206

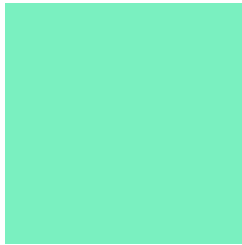


19.3660, 1.7916, 32.1280



# Previews

## White Background



This preview shows how the YUV color 199.2460, -3.5723, -67.7447 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

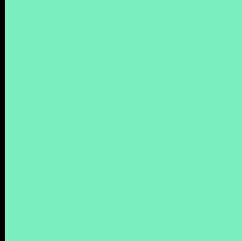
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 199.2460, -3.5723, -67.7447 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

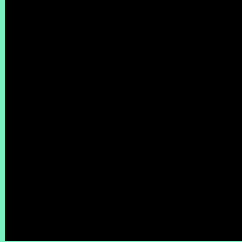
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 199.2460, -3.5723, -67.7447

## Background



This preview shows how black text looks on a background with the YUV color 199.2460, -3.5723, -67.7447.



This preview shows how white text looks on a background with the YUV color 199.2460, -3.5723, -67.7447.

-67.7447.

# 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

199.2460, -3.5723, -67.7447

### Protanopia

215.7830, -17.6410, 11.5913

### Deuteranopia

218.3250, -9.5272, 22.5170



## Tritanopia

206.0600, 22.1554, -59.6886

# Trichromacy



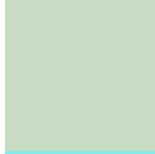
## Original Color

199.2460, -3.5723, -67.7447



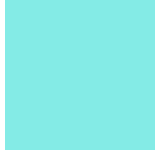
## Protanomaly

209.8610, -12.7495, -17.4181



## Deuteranomaly

211.2840, -7.5350, -9.8961



## Tritanomaly

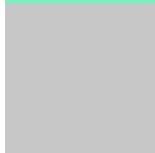
203.6330, 12.9989, -62.8221

# Monochromacy



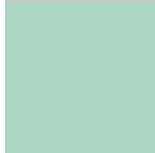
## Original Color

199.2460, -3.5723, -67.7447



## Achromatopsia

199.0000, 0.0000, 0.0000



## Achromatomaly

199.0910, -1.5239, -24.6358

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 199.2460, -3.5723, -67.7447 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(122, 240, 192)` looks like.

```
.text, #text, p{  
    color:rgb(122, 240, 192)  
}
```

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(122, 240, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 240, 192) }
```

## Border

The CSS property to change the border of an element to YUV 199.2460, -3.5723, -67.7447 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(122, 240, 192) }
```



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

```
.border{ border-color:rgb(122, 240, 192) }
```

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

Here you see how a box with a 4 pixel rgb(122, 240, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 240, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 240, 192);  
box-shadow:4px 4px 4px 4px rgb(122, 240,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 199.2460, -3.5723, -67.7447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 240, 192) }
```

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

```
.background{ background-color: rgb(122,  
240, 192) }
```

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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