

# Converting Colors

YUV(185.9110, 1.0299,  
-97.2689)

Have a look what the booklet for  
YUV(185.9110, 1.0299, -97.2689)  
contains.

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# Color

**YUV(185.9110, 1.0299,  
-97.2689)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BF2BC
RGB	75, 242, 188
RGB Percent	29%, 95%, 74%
CMY	0.7059, 0.0510, 0.2627
CMYK	0.69, 0.00, 0.22, 0.05
HSL	161°, 87%, 62%
HSV	161°, 69%, 95%
XYZ	43.7309, 68.6310, 58.5192
YIQ	185.9110, -82.1980, -52.1980

# Conversions

## Conversions Part 2

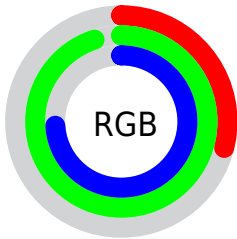
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 175, 242
Decimal	4977340
CIELab	86.32, -55.04, 13.81
CIElCh	86, 56.745, 165.917
Yxy	68.6310, 0.2559, 0.4016
Android (android.graphics.Color)	4283167420 (0xFF4BF2BC)
YUV	185.9110, 1.0299, -97.2689
Hunter-Lab	82.8438, -50.7516, 16.1094

# Details

The YUV color **185.9110, 1.0299, -97.2689** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed spring green. A complement of this color would be **131.0890, -1.0299, 97.2689**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9590, 11.8522, -68.3700**, and **123.9850, 5.4304, -108.7348** is the 20% darker color. If you saturate the color by 10%, you get **177.8230, 1.0733, -111.2238**, and if you desaturate by 10%, it is **193.9990, 0.9865, -83.3141**.

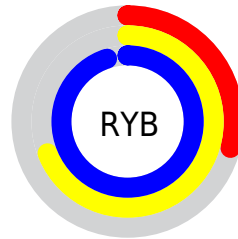
# Distribution



Red (29%)

Green (95%)

Blue (74%)



Red (29%)

Yellow (69%)

Blue (95%)

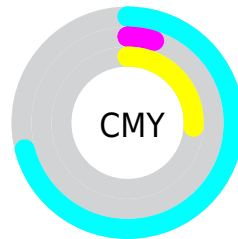


Cyan (69%)

Magenta (0%)

Yellow (22%)

Black (5%)



Cyan (71%)

Magenta (5%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 185.9110, 1.0299, -97.2689 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 185.9110, 1.0299, -97.2689 by changing the saturation by 10% instead.



■ 185.9110, 1.0299,  
-97.2689

■ 185.9110, 1.0299,  
-97.2689

■ 255.0000, 0.0000,  
0.0000

■ 151.1590, 4.8516,  
-109.7644

■ 219.9590, 11.8522,  
-68.3700

■ 123.9850, 5.4304,  
-108.7348

■ 230.7810, 11.9400,  
-49.7969

■ 104.5850, 2.1766,  
-91.7210

■ 240.0500, 7.3704,  
-30.7388

■ 86.0000, -0.4930,  
-75.4220

■ 249.3190, 2.8007,  
-11.6808

■ 68.1160, -3.0152,  
-59.7377

■ 50.3460, -5.1006,  
-44.1534

■ 33.8640, -7.3280,

-29.6987

■ 17.6100, -8.6817,  
-15.4440

■ 0.0000, 0.0000,  
0.0000

■ 185.9110, 1.0299,  
-97.2689

■ 185.9110, 1.0299,  
-97.2689

■ 177.8230, 1.0733,  
-111.2238

■ 193.9990, 0.9865,  
-83.3141

■ 169.7350, 1.1166,  
-125.1786


■ 202.0870, 0.9431,  
-69.3593

■ 161.4620, 1.7442,  
-139.8482


■ 210.3600, 0.3155,  
-54.6897


■ 160.7500, 1.6022,  
-140.9777

■ 218.4480, 0.2721,  
-40.7349

 226.5360, 0.2288,  
-26.7801

 234.6240, 0.1854,  
-12.8252

 242.7120, 0.1420,  
1.1296

 246.9130, 2.0149,  
7.0923

 247.3690, 3.7621,  
6.6924

# Harmonies

## Analogous

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



201.6310, -30.8771, -36.5104



185.9110, 1.0299, -97.2689



171.0440, 35.9673, -150.0056

# Triad

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



185.9110, 1.0299, -97.2689



207.3340, 23.4993, -23.9719



200.9140, -29.5376, 47.4334

# Complementary

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



185.9110, 1.0299, -97.2689



131.0890, -1.0299, 97.2689

# 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.



198.7550, -4.8092, 49.3269



185.9110, 1.0299, -97.2689



217.4320, 18.5210, 32.9471

# Square

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



185.9110, 1.0299, -97.2689



176.6490, 38.6270, -116.3332



206.7860, 18.3465, 42.2837



208.5330, -48.5768, 40.7516



# Rectangle

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



185.9110, 1.0299, -97.2689



171.1240, 41.3509, -150.0757



206.7860, 18.3465, 42.2837



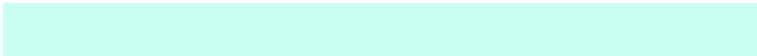
199.1020, -21.2493, 49.0225

# Sweetspot

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



185.9110, 1.0299, -97.2689



236.9160, 0.5344, -31.4983



189.7730, -56.5831, -51.5439



117.1780, -0.0878, -18.5731



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.



185.9110, 1.0299, -97.2689



183.8600, 1.5480, -123.5342



175.6310, 32.7199, -88.2534



115.9560, 0.0217, -6.9774



122.1440, 0.9150, -107.1203



37.2040, 0.3924, -32.6279



# Inverse Universe

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



131.0890, -1.0299, 97.2689



114.2540, -1.1112, 123.4342



141.3690, -32.7199, 88.2534



112.0440, -0.0217, 6.9774



61.7420, -1.3518, 107.2203

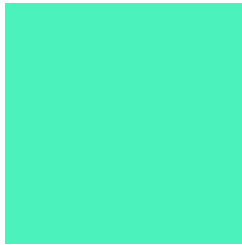


18.7960, -0.3924, 32.6279



# Previews

## White Background



This preview shows how the YUV color 185.9110, 1.0299, -97.2689 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 185.9110, 1.0299, -97.2689 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

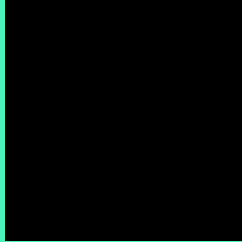
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 185.9110, 1.0299, -97.2689

## Background



This preview shows how black text looks on a background with the YUV color 185.9110, 1.0299, -97.2689.



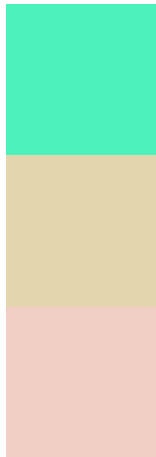
This preview shows how white text looks on a background with the YUV color 185.9110, 1.0299, -97.2689.

-97.2689.

# 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

185.9110, 1.0299, -97.2689

### Protanopia

213.3270, -19.3882, 11.9912

### Deuteranopia

216.2110, -9.9640, 22.6170



## Tritanopia

196.2960, 27.4621, -81.8206

# Trichromacy



## Original Color

185.9110, 1.0299, -97.2689



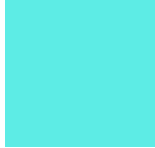
## Protanomaly

203.3220, -11.9907, -27.4694



## Deuteranomaly

205.2610, -6.0447, -21.2769



## Tritanomaly

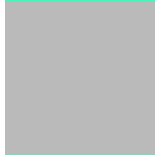
192.4450, 18.0216, -87.2133

# Monochromacy



## Original Color

185.9110, 1.0299, -97.2689



## Achromatopsia

186.0000, 0.0000, 0.0000



## Achromatomaly

185.8940, 0.5453, -34.9870

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.9110, 1.0299, -97.2689 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(75, 242, 188)` looks like.

```
.text, #text, p{  
    color:rgb(75, 242, 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(75, 242, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 242, 188) }
```

## Border

The CSS property to change the border of an element to YUV 185.9110, 1.0299, -97.2689 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(75, 242, 188) }
```



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

```
.border{ border-color:rgb(75, 242, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 242, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 242, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 242, 188);  
box-shadow:4px 4px 4px 4px rgb(75, 242,  
188) }
```

# Background

The CSS property to change the background color of an element to YUV 185.9110, 1.0299, -97.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 242, 188) }
```

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

```
.background{ background-color: rgb(75, 242,  
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](#).

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