

# Converting Colors

YUV(188.1390, 1.9035,  
-97.4689)

Have a look what the booklet for  
YUV(188.1390, 1.9035, -97.4689)  
contains.

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# Color

**YUV(188.1390, 1.9035,  
-97.4689)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DF4C0
RGB	77, 244, 192
RGB Percent	30%, 96%, 75%
CMY	0.6980, 0.0431, 0.2471
CMYK	0.68, 0.00, 0.21, 0.04
HSL	161°, 88%, 63%
HSV	161°, 68%, 96%
XYZ	44.9257, 70.0849, 61.0291
YIQ	188.1390, -82.8400, -51.5760

# Conversions

## Conversions Part 2

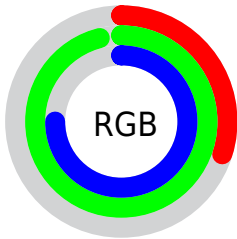
Format	Color
<a href="#">RYB</a>	<a href="#">77, 176, 244</a>
Decimal	<a href="#">5108928</a>
CIELab	<a href="#">87.04, -54.65, 12.75</a>
CIELCh	<a href="#">87, 56.116, 166.865</a>
Yxy	<a href="#">70.0849, 0.2552, 0.3981</a>
Android (android.graphics.Color)	<a href="#">4283299008 (0xFF4DF4C0)</a>
YUV	<a href="#">188.1390, 1.9035, -97.4689</a>
Hunter-Lab	<a href="#">83.7167, -50.7142, 15.3796</a>

# Details

The YUV color **188.1390, 1.9035, -97.4689** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **132.8610, -1.9035, 97.4689**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.0130, 13.3046, -67.5404**, and **125.5010, 6.1620, -110.0644** is the 20% darker color. If you saturate the color by 10%, you get **180.0510, 1.9469, -111.4237**, and if you desaturate by 10%, it is **196.2270, 1.8601, -83.5141**.

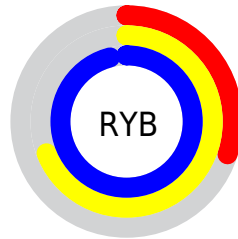
# Distribution



Red (30%)

Green (96%)

Blue (75%)



Red (30%)

Yellow (69%)

Blue (96%)

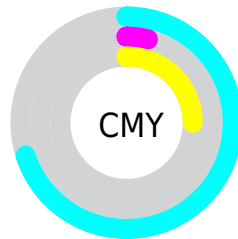


Cyan (68%)

Magenta (0%)

Yellow (21%)

Black (4%)



Cyan (70%)

Magenta (4%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 188.1390, 1.9035, -97.4689 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 188.1390, 1.9035, -97.4689 by changing the saturation by 10% instead.



188.1390, 1.9035,  
-97.4689

188.1390, 1.9035,  
-97.4689

255.0000, 0.0000,  
0.0000

153.6860, 5.5778,  
-109.3496

221.0130, 13.3046,  
-67.5404

125.5010, 6.1620,  
-110.0644

231.3790, 11.6452,  
-48.5674

106.2150, 3.3450,  
-93.1506

240.6480, 7.0755,  
-29.5093

87.5160, 0.2386,  
-76.7515

249.9170, 2.5059,  
-10.4512

69.6320, -2.2836,  
-61.0673

51.8620, -4.3690,  
-45.4830

35.3800, -6.5963,

-31.0283

■ 18.7840, -9.2605,  
-16.4736

■ 0.0000, 0.0000,  
0.0000

■ 188.1390, 1.9035,  
-97.4689

■ 188.1390, 1.9035,  
-97.4689

■ 180.0510, 1.9469,  
-111.4237

■ 196.2270, 1.8601,  
-83.5141

■ 171.7780, 2.5744,  
-126.0933

■ 204.5000, 1.2325,  
-68.8445

■ 163.6900, 2.6178,  
-140.0481


■ 212.5880, 1.1891,  
-54.8897


■ 162.3800, 2.7707,  
-142.4073

■ 220.8610, 0.5615,  
-40.2201

 228.9490, 0.5181,  
-26.2653

 237.0370, 0.4748,  
-12.3104

 245.3100, -0.1528,  
2.3591

 248.3150, 2.3097,  
5.8627

 248.5430, 3.1833,  
5.6628

# Harmonies

## Analogous

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



203.5600, -29.8561, -37.3251



188.1390, 1.9035, -97.4689



172.5600, 36.6989, -151.3351

# Triad

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



188.1390, 1.9035, -97.4689



209.4160, 22.4729, -21.4128



202.7890, -29.9690, 45.7890

# Complementary

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



188.1390, 1.9035, -97.4689



132.8610, -1.9035, 97.4689

# 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.



200.6300, -5.2406, 47.6825



188.1390, 1.9035, -97.4689



218.6060, 17.9422, 31.9175

# Square

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



188.1390, 1.9035, -97.4689



182.9170, 35.5369, -105.1672



207.9600, 17.7677, 41.2541



210.6360, -48.1345, 38.9072



# Rectangle

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



188.1390, 1.9035, -97.4689



171.7110, 41.0615, -150.5905



207.9600, 17.7677, 41.2541



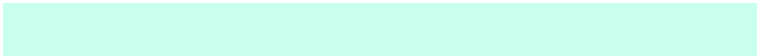
200.9770, -21.6807, 47.3782

# Sweetspot

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



188.1390, 1.9035, -97.4689



236.9160, 0.5344, -31.4983



190.8760, -56.1409, -53.3883



117.2920, 0.3490, -18.6731



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.



188.1390, 1.9035, -97.4689



185.0990, 2.4162, -121.9898



175.8700, 33.5881, -86.7090



118.0700, 0.4585, -7.0774



123.7740, 2.0834, -108.5498



39.1930, 0.3979, -34.3723



# Inverse Universe

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



132.8610, -1.9035, 97.4689



115.9010, -2.4162, 121.9898



145.1300, -33.5881, 86.7090



114.0440, -0.0217, 6.9774



62.2260, -2.0834, 108.5498

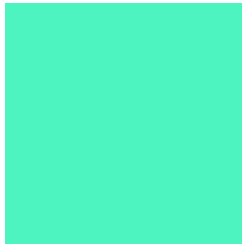


19.6930, -0.8346, 34.4722



# Previews

## White Background



This preview shows how the YUV color 188.1390, 1.9035, -97.4689 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

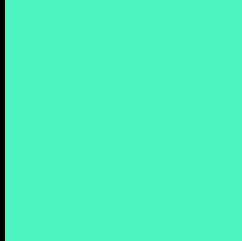
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 188.1390, 1.9035, -97.4689 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

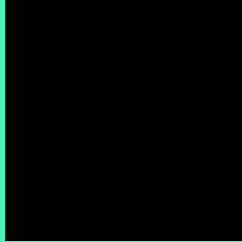
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 188.1390, 1.9035, -97.4689

## Background



This preview shows how black text looks on a background with the YUV color 188.1390, 1.9035, -97.4689.



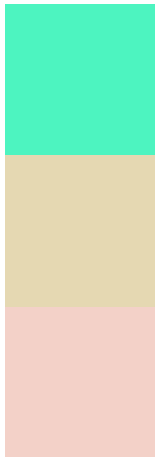
This preview shows how white text looks on a background with the YUV color 188.1390, 1.9035, -97.4689.



# 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

188.1390, 1.9035, -97.4689

### Protanopia

215.5550, -18.5146, 11.7913

### Deuteranopia

218.1400, -8.9430, 21.8022



## Tritanopia

198.6980, 27.7569, -83.0501

# Trichromacy



## Original Color

188.1390, 1.9035, -97.4689



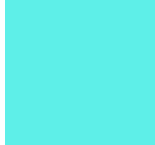
## Protanomaly

205.5500, -11.1171, -27.6693



## Deuteranomaly

207.4890, -5.1711, -21.4769



## Tritanomaly

194.8470, 18.3164, -88.4428

# Monochromacy



## Original Color

188.1390, 1.9035, -97.4689



## Achromatopsia

188.0000, 0.0000, 0.0000



## Achromatomaly

187.8940, 0.5453, -34.9870

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.1390, 1.9035, -97.4689 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(77, 244, 192)` looks like.

```
.text, #text, p{  
    color:rgb(77, 244, 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(77, 244, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 244, 192) }
```

## Border

The CSS property to change the border of an element to YUV 188.1390, 1.9035, -97.4689 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(77, 244, 192) }
```



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

```
.border{ border-color:rgb(77, 244, 192) }
```

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

Here you see how a box with a 4 pixel rgb(77, 244, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 244, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 244, 192);  
box-shadow:4px 4px 4px 4px rgb(77, 244,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 188.1390, 1.9035, -97.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 244, 192) }
```

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

```
.background{ background-color: rgb(77, 244,  
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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