

# Converting Colors

YUV(184.4250, 28.3845,  
-97.7197)

Have a look what the booklet for  
YUV(184.4250, 28.3845, -97.7197)  
contains.

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# Color

**YUV(184.4250, 28.3845,  
-97.7197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49E6F2
RGB	73, 230, 242
RGB Percent	29%, 90%, 95%
CMY	0.7137, 0.0980, 0.0510
CMYK	0.70, 0.05, 0.00, 0.05
HSL	184°, 87%, 62%
HSV	184°, 70%, 95%
XYZ	47.0715, 64.4209, 93.9580
YIQ	184.4250, -97.4240, -29.5520

# Conversions

## Conversions Part 2

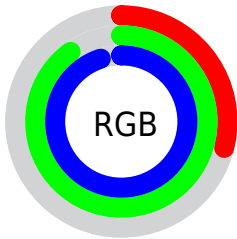
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 154, 242
Decimal	4843250
CIE <sub>Lab</sub>	84.18, -36.24, -17.68
CIE <sub>LCh</sub>	84, 40.323, 206.002
Yxy	64.4209, 0.2291, 0.3136
Android (android.graphics.Color)	4283033330 (0xFF49E6F2)
YUV	184.4250, 28.3845, -97.7197
Hunter-Lab	80.2626, -35.7750, -13.2229

# Details

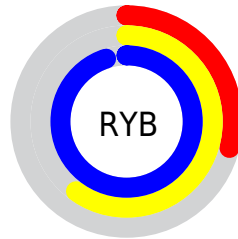
The YUV color **184.4250, 28.3845, -97.7197** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **130.5750, -28.3845, 97.7197**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5120, 16.5096, -68.8550**, and **123.3420, 30.8904, -108.1709** is the 20% darker color. If you saturate the color by 10%, you get **176.0750, 32.5010, -111.4448**, and if you desaturate by 10%, it is **192.7750, 24.2679, -83.9947**.

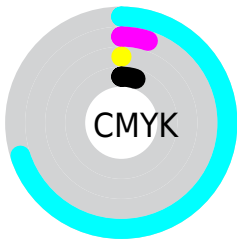
# Distribution



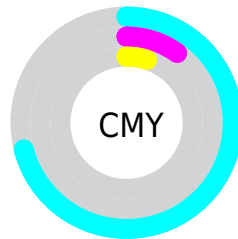
- Red (29%)
- Green (90%)
- Blue (95%)



- Red (29%)
- Yellow (60%)
- Blue (95%)



- Cyan (70%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (71%)
- Magenta (10%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 184.4250, 28.3845, -97.7197 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 184.4250, 28.3845, -97.7197 by changing the saturation by 10% instead.



184.4250, 28.3845,  
-97.7197

184.4250, 28.3845,  
-97.7197

255.0000, 0.0000,  
0.0000

147.1560, 32.9541,  
-116.7778

221.5120, 16.5096,  
-68.8550

123.3420, 30.8904,  
-108.1709

231.0800, 11.7926,  
-49.1822

104.4150, 26.9104,  
-91.5720

240.3490, 7.2229,  
-30.1241

86.1890, 23.0778,  
-75.5878

249.9170, 2.5059,  
-10.4512

68.0770, 19.6820,  
-59.7035

51.1390, 15.7075,  
-44.8489

35.0160, 12.3171,

-30.7090

■ 19.1210, 9.8003,  
-16.7691

■ 2.5250, 7.1362,  
-2.2144

■ 184.4250, 28.3845,  
-97.7197

■ 184.4250, 28.3845,  
-97.7197

■ 176.0750, 32.5010,  
-111.4448

■ 192.7750, 24.2679,  
-83.9947

■ 168.3120, 36.3282,  
-125.6846

■ 200.5380, 20.4408,  
-69.7548


■ 159.6630, 40.5921,  
-140.0245


■ 209.1870, 16.1768,  
-55.4150


■ 217.5370, 12.0603,  
-41.6899

 225.8870, 7.9437,  
-27.9649

 233.6500, 4.1165,  
-13.7251

 242.0000, 0.0000,  
0.0000

 247.0610, -2.4951,  
6.9625

 247.6480, -2.7845,  
6.4477

# Harmonies

## Analogous

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



191.0420, 5.8953, -71.0738



184.4250, 28.3845, -97.7197



188.3540, 32.8565, -85.3795

# Triad

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



184.4250, 28.3845, -97.7197



215.4320, 18.5210, 32.9471



207.9580, -36.4613, 28.1008

# Complementary

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



184.4250, 28.3845, -97.7197



130.5750, -28.3845, 97.7197

# 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.



206.4080, -28.7951, 42.6152



184.4250, 28.3845, -97.7197



207.2300, 4.8166, 41.8943

# Square

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



184.4250, 28.3845, -97.7197



209.8360, 22.2659, -1.6102



204.0720, -12.3605, 44.6639



204.4380, -31.2749, -2.1381

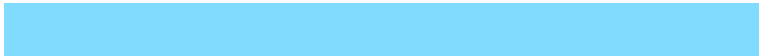


# Rectangle

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



184.4250, 28.3845, -97.7197



195.8950, 29.1388, -59.5439



204.0720, -12.3605, 44.6639



209.4260, -36.1990, 37.3374

# Sweetspot

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



184.4250, 28.3845, -97.7197



236.5060, 9.1175, -31.1388



173.4570, -44.1023, -88.1008



116.6710, 5.5852, -18.1285



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.



184.4250, 28.3845, -97.7197



182.2090, 35.8860, -123.8403



135.1170, 52.6933, -54.4766



115.8250, 2.0583, -6.8625



121.3530, 30.8850, -106.4266



36.9080, 9.4124, -32.3683



# Inverse Universe

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



141.4290, 43.6655, 88.2008



127.6720, 55.3777, 111.6667



179.8830, -52.6933, 54.4766



112.8420, 3.0359, 6.2776



74.5100, 47.5696, 96.0227

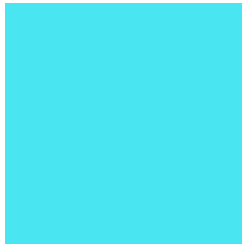


22.6720, 14.4587, 29.2287



# Previews

## White Background



This preview shows how the YUV color 184.4250, 28.3845, -97.7197 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

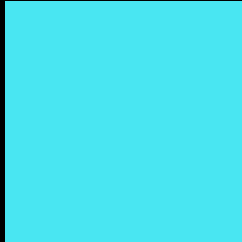
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 184.4250, 28.3845, -97.7197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

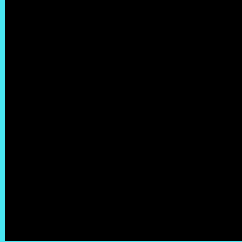
Any Text WCAG AA ✓ Pass

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 184.4250, 28.3845, -97.7197 Background



This preview shows how black text looks on a background with the YUV color 184.4250, 28.3845, -97.7197.



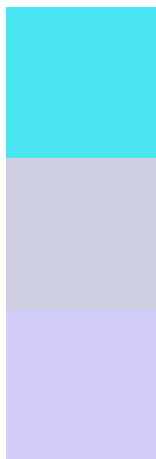
This preview shows how white text looks on a background with the YUV color 184.4250, 28.3845, -97.7197.



# 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

184.4250, 28.3845, -97.7197

### Protanopia

208.9810, 8.8834, -2.6143

### Deuteranopia

210.5110, 18.4821, -1.3251



## Tritanopia

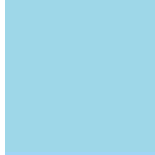
185.4190, 30.8524, -95.9605

# Trichromacy



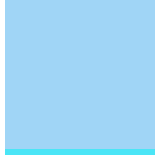
## Original Color

184.4250, 28.3845, -97.7197



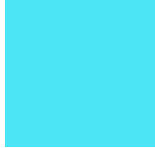
## Protanomaly

199.8950, 15.8278, -36.7419



## Deuteranomaly

200.9150, 22.2269, -35.8825



## Tritanomaly

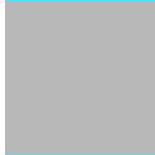
184.8920, 30.1262, -96.3753

# Monochromacy



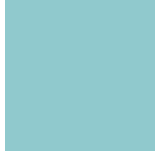
## Original Color

184.4250, 28.3845, -97.7197



## Achromatopsia

184.0000, 0.0000, 0.0000



## Achromatomaly

184.4130, 10.1494, -35.4422

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 184.4250, 28.3845, -97.7197 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(73, 230, 242)` looks like.

```
.text, #text, p{  
    color:rgb(73, 230, 242)  
}
```

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(73, 230, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 230, 242) }
```

## Border

The CSS property to change the border of an element to YUV 184.4250, 28.3845, -97.7197 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(73, 230, 242) }
```



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

```
.border{ border-color:rgb(73, 230, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 230, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 230, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 230, 242);  
box-shadow:4px 4px 4px 4px rgb(73, 230,  
242) }
```

# Background

The CSS property to change the background color of an element to YUV 184.4250, 28.3845, -97.7197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 230, 242) }
```

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

```
.background{ background-color: rgb(73, 230,  
242) }
```

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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