

# Converting Colors

YUV(184.1740, 12.2392,  
-99.2536)

Have a look what the booklet for  
YUV(184.1740, 12.2392, -99.2536)  
contains.

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# Color

**YUV(184.1740, 12.2392,  
-99.2536)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47EDD1
RGB	71, 237, 209
RGB Percent	28%, 93%, 82%
CMY	0.7216, 0.0706, 0.1804
CMYK	0.70, 0.00, 0.12, 0.07
HSL	170°, 82%, 60%
HSV	170°, 70%, 93%
XYZ	44.3913, 66.5114, 70.8199
YIQ	184.1740, -89.9480, -43.9000

# Conversions

## Conversions Part 2

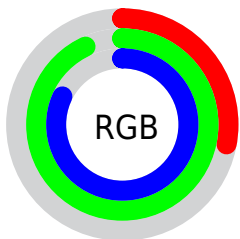
Format	Color
<a href="#">RYB</a>	<a href="#">71, 162, 237</a>
Decimal	<a href="#">4713937</a>
CIELab	<a href="#">85.26, -48.52, 1.30</a>
CIELCh	<a href="#">85, 48.535, 178.471</a>
Yxy	<a href="#">66.5114, 0.2443, 0.3660</a>
Android (android.graphics.Color)	<a href="#">4282904017</a> ( <a href="#">0xFF47EDD1</a> )
YUV	<a href="#">184.1740, 12.2392, -99.2536</a>
Hunter-Lab	<a href="#">81.5545, -45.5602, 5.6022</a>

# Details

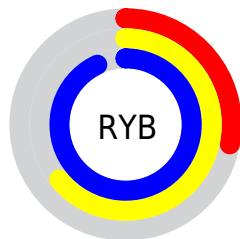
The YUV color **184.1740, 12.2392, -99.2536** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **123.8260, -12.2392, 99.2536**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6150, 16.9518, -70.6994**, and **123.3300, 15.6133, -108.1604** is the 20% darker color. If you saturate the color by 10%, you get **176.5420, 14.0298, -113.6083**, and if you desaturate by 10%, it is **191.8060, 10.4486, -84.8989**.

# Distribution



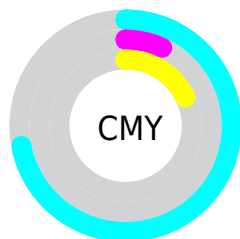
- Red (28%)
- Green (93%)
- Blue (82%)



- Red (28%)
- Yellow (64%)
- Blue (93%)



- Cyan (70%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (72%)
- Magenta (7%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 184.1740, 12.2392, -99.2536 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 184.1740, 12.2392, -99.2536 by changing the saturation by 10% instead.



184.1740, 12.2392,  
-99.2536

184.1740, 12.2392,  
-99.2536

255.0000, 0.0000,  
0.0000

146.6170, 16.9508,  
-117.1821

220.6150, 16.9518,  
-70.6994

123.3300, 15.6133,  
-108.1604

229.8840, 12.3822,  
-51.6413

104.5170, 12.0701,  
-91.6614

239.4520, 7.6652,  
-31.9684

85.8180, 8.9637,  
-75.2624

248.7210, 3.0955,  
-12.9103

67.8200, 6.0047,  
-59.4781

50.5230, 3.1932,  
-44.3087

33.9270, 0.5290,

-29.7540

■ 17.4450, -1.6984,  
-15.2993

■ 0.0000, 0.0000,  
0.0000

■ 184.1740, 12.2392,  
-99.2536

■ 184.1740, 12.2392,  
-99.2536

■ 176.5420, 14.0298,  
-113.6083

■ 191.8060, 10.4486,  
-84.8989


■ 169.2090, 15.6730,  
-127.3483

■ 199.1390, 8.8055,  
-71.1589


■ 161.5770, 17.4635,  
-141.7030

■ 206.7710, 7.0149,  
-56.8042

■ 214.4030, 5.2243,  
-42.4494

 221.7360, 3.5812,  
-28.7095

 229.3680, 1.7906,  
-14.3547

 237.0000, 0.0000,  
0.0000

 242.8380, -0.9061,  
10.6661

 243.2940, 0.8411,  
10.2662

# Harmonies

## Analogous

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



197.8110, -17.1618, -48.9462



184.1740, 12.2392, -99.2536



167.6020, 43.0872, -146.9870

# Triad

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



184.1740, 12.2392, -99.2536



211.6300, 21.3814, 2.0785



205.0400, -34.0367, 43.8149

# Complementary

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



184.1740, 12.2392, -99.2536



123.8260, -12.2392, 99.2536

# 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.



201.5130, -14.5499, 46.9081



184.1740, 12.2392, -99.2536



214.4970, 19.9680, 35.5211

# Square

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



184.1740, 12.2392, -99.2536



198.2980, 27.9541, -52.8813



204.8820, 5.9742, 43.9535



209.3190, -44.0343, 30.4152



# Rectangle

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



184.1740, 12.2392, -99.2536



165.8410, 43.9554, -145.4426



204.8820, 5.9742, 43.9535



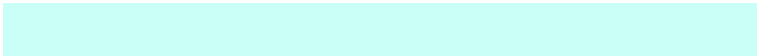
203.2450, -28.2218, 45.3891

# Sweetspot

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



184.1740, 12.2392, -99.2536



237.8280, 4.0288, -32.2982



177.4120, -52.4611, -67.0133



117.7480, 2.0962, -19.0730



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.



184.1740, 12.2392, -99.2536



186.9100, 15.8204, -127.9631



156.2550, 39.8073, -74.7686



113.4830, 0.7479, -6.5626



123.4610, 13.5767, -108.2753



36.8280, 4.0288, -32.2982



# Inverse Universe

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



123.8260, -12.2392, 99.2536



109.0900, -15.8204, 127.9631



151.7450, -39.8073, 74.7686



109.5170, -0.7479, 6.5626



57.6530, -13.1399, 108.1753

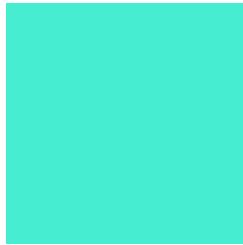


17.1720, -4.0288, 32.2982



# Previews

## White Background



This preview shows how the YUV color 184.1740, 12.2392, -99.2536 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 184.1740, 12.2392, -99.2536 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

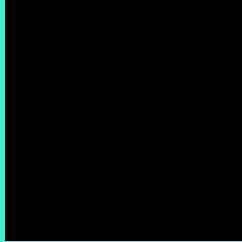
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

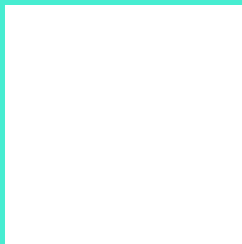
Any Text WCAG AAA ✓ Pass

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

# YUV 184.1740, 12.2392, -99.2536 Background



This preview shows how black text looks on a background with the YUV color 184.1740, 12.2392, -99.2536.



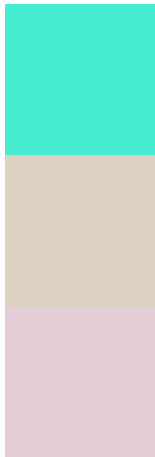
This preview shows how white text looks on a background with the YUV color 184.1740, 12.2392, -99.2536.

-99.2536.

# 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

184.1740, 12.2392, -99.2536

### Protanopia

210.8670, -8.3154, 7.1326

### Deuteranopia

213.4300, 1.2670, 13.6549



## Tritanopia

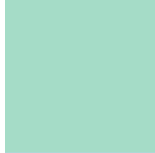
191.6050, 28.7887, -87.3536

# Trichromacy



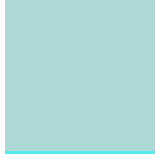
## Original Color

184.1740, 12.2392, -99.2536



## Protanomaly

201.1610, -1.0654, -31.7132



## Deuteranomaly

203.0890, 4.8861, -27.2651



## Tritanomaly

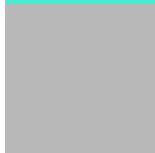
188.6770, 22.8372, -91.8017

# Monochromacy



## Original Color

184.1740, 12.2392, -99.2536



## Achromatopsia

184.0000, 0.0000, 0.0000



## Achromatomaly

183.9200, 4.4764, -35.8868

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 184.1740, 12.2392, -99.2536 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(71, 237, 209)` looks like.

```
.text, #text, p{  
    color:rgb(71, 237, 209)  
}
```

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(71, 237, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 237, 209) }
```

## Border

The CSS property to change the border of an element to YUV 184.1740, 12.2392, -99.2536 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(71, 237, 209) }
```



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

```
.border{ border-color:rgb(71, 237, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 237, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 237, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 237, 209);  
box-shadow:4px 4px 4px 4px rgb(71, 237,  
209) }
```

# Background

The CSS property to change the background color of an element to YUV 184.1740, 12.2392, -99.2536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 237, 209) }
```

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

```
.background{ background-color: rgb(71, 237,  
209) }
```

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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