

Converting Colors

YUV(148.0780, 4.3985,
-104.4314)

Have a look what the booklet for
YUV(148.0780, 4.3985, -104.4314)
contains.

YUV(148.0780, 4.3985, -104.4314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(148.0780, 4.3985,
-104.4314)**

Conversions

Conversions Part 1

Format	Color
Hex	1DCF9D
RGB	29, 207, 157
RGB Percent	11%, 81%, 62%
CMY	0.8863, 0.1882, 0.3843
CMYK	0.86, 0.00, 0.24, 0.19
HSL	163°, 75%, 46%
HSV	163°, 86%, 81%
XYZ	28.9053, 47.3212, 39.5087
YIQ	148.0780, -90.0380, -53.2860

Conversions

Conversions Part 2

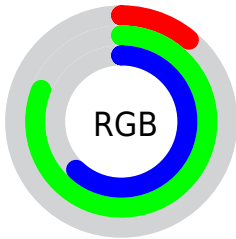
Format	Color
RYB	29, 133, 207
Decimal	1953693
CIELab	74.39, -53.39, 13.20
CIELCh	74, 55.000, 166.111
Yxy	47.3212, 0.2498, 0.4089
Android (android.graphics.Color)	4280143773 (0xFF1DCF9D)
YUV	148.0780, 4.3985, -104.4314
Hunter-Lab	68.7904, -45.3785, 14.1010

Details

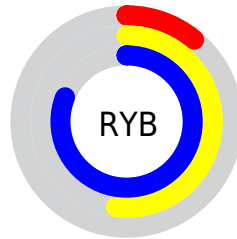
The YUV color **148.0780, 4.3985, -104.4314** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **87.9220, -4.3985, 104.4314**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7430, 2.5917, -84.8436**, and **100.7210, 2.6025, -88.3323** is the 20% darker color. If you saturate the color by 10%, you get **141.1150, 4.8733, -116.7419**, and if you desaturate by 10%, it is **155.0410, 3.9238, -92.1210**.

Distribution



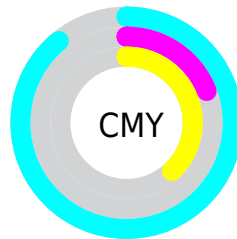
- Red (11%)
- Green (81%)
- Blue (62%)



- Red (11%)
- Yellow (52%)
- Blue (81%)



- Cyan (86%)
- Magenta (0%)
- Yellow (24%)
- Black (19%)



- Cyan (89%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.0780, 4.3985, -104.4314 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 148.0780, 4.3985, -104.4314 by changing the saturation by 10% instead.

■ 148.0780, 4.3985,
-104.4314

■ 148.0780, 4.3985,
-104.4314

■ 255.0000, 0.0000,
0.0000

■ 120.0070, 5.4195,
-105.2461

■ 206.7430, 2.5917,
-84.8436

■ 100.7210, 2.6025,
-88.3323

■ 219.5030, 10.1050,
-67.9701

■ 82.6090, -0.7932,
-72.4481

■ 230.4820, 12.0874,
-50.4117

■ 64.7250, -3.3154,
-56.7638

■ 239.4520, 7.6652,
-31.9684

■ 46.9550, -5.4008,
-41.1795

■ 248.7210, 3.0955,
-12.9103

■ 31.1740, -7.4808,
-27.3396

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 148.0780, 4.3985,
-104.4314

■ 148.0780, 4.3985,
-104.4314

■ 141.1150, 4.8733,
-116.7419

■ 155.0410, 3.9238,
-92.1210


■ 138.4950, 5.1790,
-121.4601


■ 161.7050, 3.5964,
-80.4253

■ 168.5540, 2.6849,
-68.0149

■ 175.5170, 2.2101,
-55.7044

■ 182.4800, 1.7354,
-43.3940

 189.1440, 1.4080,
-31.6983

 196.1070, 0.9332,
-19.3878

 203.0700, 0.4585,
-7.0774

 209.6200, -0.3057,
4.7183

Harmonies

Analogous

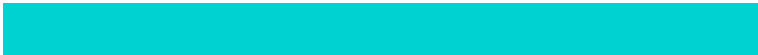
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.0980, -29.1353, -35.1659



148.0780, 4.3985, -104.4314



146.5090, 30.8081, -128.4884

Triad

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



148.0780, 4.3985, -104.4314



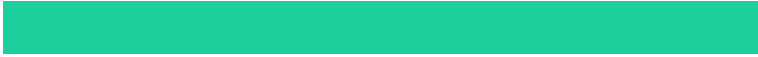
178.0960, 37.9137, -27.2712



178.8240, -32.9442, 66.8064

Complementary

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



148.0780, 4.3985, -104.4314



87.9220, -4.3985, 104.4314

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.



177.0240, -9.3788, 68.3850



148.0780, 4.3985, -104.4314



188.3680, 32.3566, 28.6183

Square

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



148.0780, 4.3985, -104.4314



143.5350, 54.9522, -125.8802



184.0120, 12.3191, 62.2565



179.7940, -47.7194, 45.7847

Rectangle

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



148.0780, 4.3985, -104.4314



148.9830, 45.3644, -130.6581



184.0120, 12.3191, 62.2565



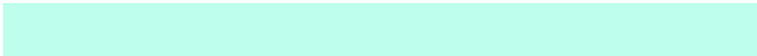
177.4850, -25.3821, 67.9807

Sweetspot

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



148.0780, 4.3985, -104.4314



233.1000, 1.4297, -38.6757



148.4360, -58.8819, -60.8954



114.6720, 0.6547, -23.3913



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.



148.0780, 4.3985, -104.4314



170.5470, 6.1393, -149.5697



130.8850, 37.5247, -89.3531



101.3690, 0.3111, -6.4626



112.4100, 4.2349, -98.5836



27.3730, 0.8021, -24.0061

Inverse Universe

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



87.9220, -4.3985, 104.4314



84.4530, -6.1393, 149.5697



105.1150, -37.5247, 89.3531



97.6310, -0.3111, 6.4626



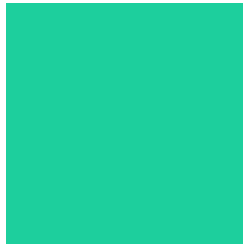
55.5900, -4.2349, 98.5836



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 148.0780, 4.3985, -104.4314 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 148.0780, 4.3985, -104.4314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

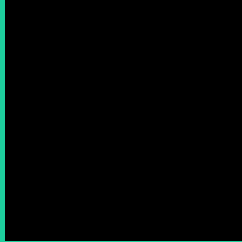
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

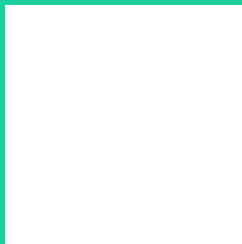
Any Text WCAG AAA ✓ Pass

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

YUV 148.0780, 4.3985, -104.4314 Background



This preview shows how black text looks on a background with the YUV color 148.0780, 4.3985, -104.4314.

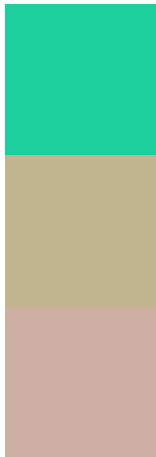


This preview shows how white text looks on a background with the YUV color 148.0780, 4.3985, -104.4314.

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

148.0780, 4.3985, -104.4314

Protanopia

180.3700, -17.9304, 11.0765

Deuteranopia

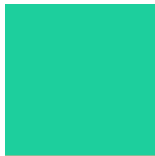
182.7160, -9.2270, 19.5431



Tritanopia

162.2530, 26.0043, -80.9059

Trichromacy



Original Color

148.0780, 4.3985, -104.4314



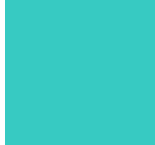
Protanomaly

168.2830, -9.5065, -30.9432



Deuteranomaly

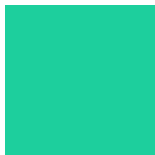
170.2820, -4.5760, -25.6803



Tritanomaly

157.1350, 18.1744, -89.5724

Monochromacy



Original Color

148.0780, 4.3985, -104.4314



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.8120, 1.5717, -37.5461

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.0780, 4.3985, -104.4314 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(29, 207, 157)` looks like.

```
.text, #text, p{  
    color:rgb(29, 207, 157)  
}
```

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(29, 207, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 207, 157) }
```

Border

The CSS property to change the border of an element to YUV 148.0780, 4.3985, -104.4314 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(29, 207, 157) }
```


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

```
.border{ border-color:rgb(29, 207, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 207, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 207, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 207, 157);  
box-shadow:4px 4px 4px 4px rgb(29, 207,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 148.0780, 4.3985, -104.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 207, 157) }
```

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

```
.background{ background-color: rgb(29, 207,  
157) }
```

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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