

Converting Colors

YUV(148.4440, 19.5011,
-95.1054)

Have a look what the booklet for
YUV(148.4440, 19.5011, -95.1054)
contains.

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Color

**YUV(148.4440, 19.5011,
-95.1054)**

Conversions

Conversions Part 1

Format	Color
Hex	28C4BC
RGB	40, 196, 188
RGB Percent	16%, 77%, 74%
CMY	0.8431, 0.2314, 0.2627
CMYK	0.80, 0.00, 0.04, 0.23
HSL	177°, 66%, 46%
HSV	177°, 80%, 77%
XYZ	29.6921, 43.5618, 54.4203
YIQ	148.4440, -90.4080, -35.5600

Conversions

Conversions Part 2

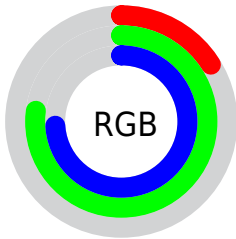
Format	Color
RYB	40, 120, 196
Decimal	2671804
CIELab	71.93, -39.76, -7.11
CIELCh	72, 40.395, 190.135
Yxy	43.5618, 0.2326, 0.3412
Android (android.graphics.Color)	4280861884 (0xFF28C4BC)
YUV	148.4440, 19.5011, -95.1054
Hunter-Lab	66.0014, -35.2004, -2.6856

Details

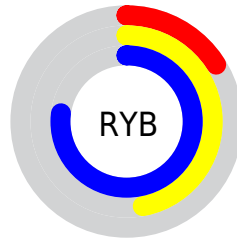
The YUV color **148.4440, 19.5011, -95.1054** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **87.5560, -19.5011, 95.1054**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7120, 16.4110, -83.9394**, and **98.1570, 18.1636, -86.0837** is the 20% darker color. If you saturate the color by 10%, you get **142.3500, 22.0125, -107.3010**, and if you desaturate by 10%, it is **154.5380, 16.9898, -82.9098**.

Distribution



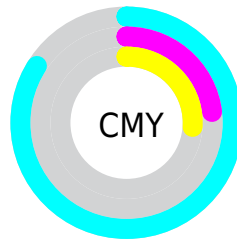
- Red (16%)
- Green (77%)
- Blue (74%)



- Red (16%)
- Yellow (47%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (84%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.4440, 19.5011, -95.1054 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 148.4440, 19.5011, -95.1054 by changing the saturation by 10% instead.

■ 148.4440, 19.5011,
-95.1054

■ 148.4440, 19.5011,
-95.1054

■ 255.0000, 0.0000,
0.0000

■ 116.9700, 21.7068,
-102.5827

■ 210.7120, 16.4110,
-83.9394

■ 98.1570, 18.1636,
-86.0837

■ 222.4090, 16.0674,
-67.0107

■ 80.0450, 14.7678,
-70.1995

■ 231.6780, 11.4977,
-47.9526

■ 62.5200, 11.0826,
-54.8300

■ 240.6480, 7.0755,
-29.5093

■ 45.8100, 7.9817,
-40.1754

■ 249.9170, 2.5059,
-10.4512

■ 29.8010, 5.0281,
-26.1355

■ 10.6120, 5.1213,

-9.3067

■ 0.0000, 0.0000,
0.0000

■ 148.4440, 19.5011,
-95.1054

■ 148.4440, 19.5011,
-95.1054

■ 142.3500, 22.0125,
-107.3010

■ 154.5380, 16.9898,
-82.9098

■ 136.5550, 24.3764,
-118.8817

■ 160.3330, 14.6258,
-71.3290

■ 136.2560, 24.5238,
-119.4965

■ 166.4270, 12.1145,
-59.1335

■ 172.2220, 9.7506,
-47.5527

■ 178.3160, 7.2392,
-35.3571

■ 184.4100, 4.7279,
-23.1616

■ 190.2050, 2.3639,
-11.5808

■ 196.2990, -0.1474,
0.6148

■ 202.0940, -2.5113,
12.1956

Harmonies

Analogous

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



161.1770, -5.5103, -52.7752



148.4440, 19.5011, -95.1054



139.3000, 41.2641, -122.1661

Triad

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



148.4440, 19.5011, -95.1054



180.5590, 25.8534, 14.4188



175.7190, -33.8785, 39.7114

Complementary

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



148.4440, 19.5011, -95.1054



87.5560, -19.5011, 95.1054

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.



177.9890, -23.1656, 57.0146



148.4440, 19.5011, -95.1054



181.0330, 10.3367, 44.6981

Square

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



148.4440, 19.5011, -95.1054



174.4550, 36.7507, -27.5860



179.2510, -7.0257, 60.2929



172.3260, -34.6707, 13.7461

Rectangle

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



148.4440, 19.5011, -95.1054



152.8290, 42.4823, -92.8120



179.2510, -7.0257, 60.2929



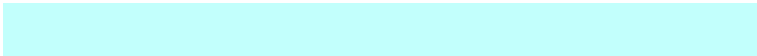
176.1590, -31.1374, 47.2186

Sweetspot

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



148.4440, 19.5011, -95.1054



236.4190, 7.6814, -37.2015



134.5620, -46.6191, -74.1609



116.7090, 4.5805, -22.5468



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.



148.4440, 19.5011, -95.1054



180.2630, 30.4363, -149.3207



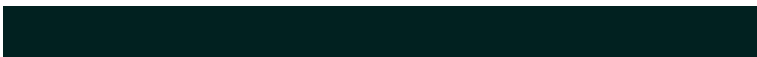
109.4400, 42.6741, -60.8989



93.8960, 1.0373, -6.0478



111.8350, 19.8013, -98.0793



22.9050, 3.9908, -20.0877

Inverse Universe

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



87.5560, -19.5011, 95.1054



84.7370, -30.4363, 149.3207



126.5600, -42.6741, 60.8989



90.1040, -1.0373, 6.0478



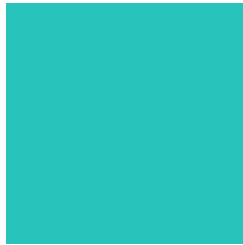
49.0510, -20.2381, 98.1793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 148.4440, 19.5011, -95.1054 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 148.4440, 19.5011, -95.1054 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

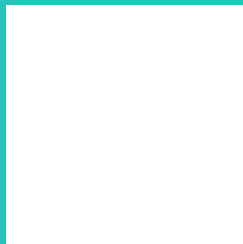
Any Text WCAG AAA ✓ Pass

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

YUV 148.4440, 19.5011, -95.1054 Background



This preview shows how black text looks on a background with the YUV color 148.4440, 19.5011, -95.1054.



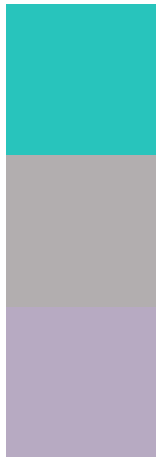
This preview shows how white text looks on a background with the YUV color 148.4440, 19.5011, -95.1054.

-95.1054.

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

148.4440, 19.5011, -95.1054

Protanopia

175.3100, -0.1528, 2.3591

Deuteranopia

176.6230, 8.5669, 5.5926



Tritanopia

153.8610, 27.1835, -85.8241

Trichromacy



Original Color

148.4440, 19.5011, -95.1054



Protanomaly

165.6260, 7.0864, -32.9980



Deuteranomaly

166.1300, 12.7539, -30.8090



Tritanomaly

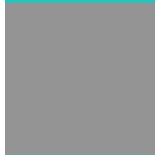
151.7420, 24.2842, -89.2277

Monochromacy



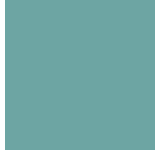
Original Color

148.4440, 19.5011, -95.1054



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.0280, 7.3812, -34.2276

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4440, 19.5011, -95.1054 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(40, 196, 188)` looks like.

```
.text, #text, p{  
    color:rgb(40, 196, 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(40, 196, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 196, 188) }
```

Border

The CSS property to change the border of an element to YUV 148.4440, 19.5011, -95.1054 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(40, 196, 188) }
```


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

```
.border{ border-color:rgb(40, 196, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 196, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 196, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 196, 188);  
box-shadow:4px 4px 4px 4px rgb(40, 196,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 148.4440, 19.5011, -95.1054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 196, 188) }
```

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

```
.background{ background-color: rgb(40, 196,  
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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