

Converting Colors

YUV(165.4110, 19.5174,
-100.3384)

Have a look what the booklet for
YUV(165.4110, 19.5174, -100.3384)
contains.

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Color

**YUV(165.4110, 19.5174,
-100.3384)**

Conversions

Conversions Part 1

Format	Color
Hex	33D8CD
RGB	51, 216, 205
RGB Percent	20%, 85%, 80%
CMY	0.8000, 0.1529, 0.1961
CMYK	0.76, 0.00, 0.05, 0.15
HSL	176°, 68%, 52%
HSV	176°, 76%, 85%
XYZ	36.9406, 54.2233, 66.2768
YIQ	165.4110, -94.8090, -38.4010

Conversions

Conversions Part 2

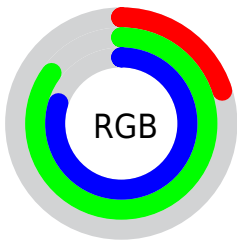
Format	Color
RYB	51, 136, 216
Decimal	3397837
CIELab	78.59, -42.84, -6.41
CIElCh	79, 43.313, 188.509
Yxy	54.2233, 0.2346, 0.3444
Android (android.graphics.Color)	4281587917 (0xFF33D8CD)
YUV	165.4110, 19.5174, -100.3384
Hunter-Lab	73.6365, -39.3174, -1.8186

Details

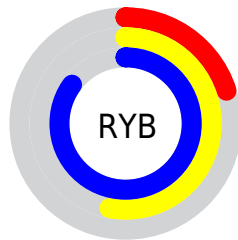
The YUV color **165.4110, 19.5174, -100.3384** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **101.5890, -19.5174, 100.3384**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1300, 19.1629, -79.9210**, and **111.1340, 19.6539, -97.4645** is the 20% darker color. If you saturate the color by 10%, you get **158.7190, 22.3235, -113.7636**, and if you desaturate by 10%, it is **172.1030, 16.7112, -86.9133**.

Distribution



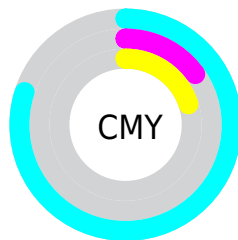
- Red (20%)
- Green (85%)
- Blue (80%)



- Red (20%)
- Yellow (53%)
- Blue (85%)



- Cyan (76%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (80%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4110, 19.5174, -100.3384 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 165.4110, 19.5174, -100.3384 by changing the saturation by 10% instead.

165.4110, 19.5174,
-100.3384

165.4110, 19.5174,
-100.3384

255.0000, 0.0000,
0.0000

130.6480, 23.3445,
-114.5783

216.1300, 19.1629,
-79.9210

111.1340, 19.6539,
-97.4645

225.3990, 14.5933,
-60.8629

92.9080, 15.8214,
-81.4803

234.9670, 9.8763,
-41.1901

74.7960, 12.4256,
-65.5961

244.2360, 5.3067,
-22.1320

56.7980, 9.4666,
-49.8118

253.5050, 0.7370,
-3.0739

40.2020, 6.8024,
-35.2572

25.3670, 3.2701,

-22.2469

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 165.4110, 19.5174,
-100.3384

■ 165.4110, 19.5174,
-100.3384

■ 158.7190, 22.3235,
-113.7636

■ 172.1030, 16.7112,
-86.9133

■ 152.2120, 24.5455,
-126.4739

■ 178.6100, 14.4893,
-74.2030


■ 149.8200, 25.7247,
-131.3921

■ 185.3020, 11.6831,
-60.7779


■ 191.8090, 9.4612,
-48.0675

 198.5010, 6.6550,
-34.6424

 205.3070, 4.2856,
-21.3172

 211.7000, 1.6269,
-8.5069

 218.5060, -0.7425,
4.8182

 224.8990, -3.4012,
17.6286

Harmonies

Analogous

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



178.6990, -7.2466, -55.8640



165.4110, 19.5174, -100.3384



153.3200, 44.2122, -134.4616

Triad

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



165.4110, 19.5174, -100.3384



198.7160, 27.7480, 13.4041



193.7690, -36.3681, 44.9296

Complementary

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



165.4110, 19.5174, -100.3384



101.5890, -19.5174, 100.3384

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.



192.0920, -22.7234, 55.1703



165.4110, 19.5174, -100.3384



199.6250, 12.5099, 47.6869

Square

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



165.4110, 19.5174, -100.3384



189.5810, 32.2516, -31.2045



192.9020, -4.3887, 54.4599



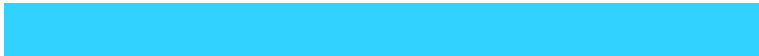
190.8380, -37.8811, 16.8051

Rectangle

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



165.4110, 19.5174, -100.3384



166.9910, 43.3884, -103.4781



192.9020, -4.3887, 54.4599



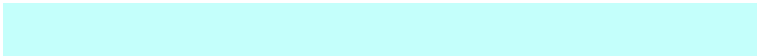
194.3230, -33.1902, 52.3367

Sweetspot

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



165.4110, 19.5174, -100.3384



236.9030, 6.9498, -35.8719



151.1440, -49.3710, -78.1793



116.8940, 3.9963, -21.8320



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.



165.4110, 19.5174, -100.3384



182.9110, 27.6519, -142.8729



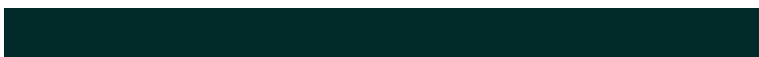
124.9880, 44.8689, -64.8875



103.5970, 1.1847, -6.6626



118.5030, 19.9650, -103.9271



29.8010, 5.0281, -26.1355

Inverse Universe

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



101.5890, -19.5174, 100.3384



92.0890, -27.6519, 142.8729



142.5990, -45.1583, 64.3727



99.4030, -1.1847, 6.6626



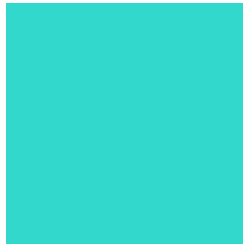
52.3830, -20.4018, 104.0271



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 165.4110, 19.5174, -100.3384 looks on a white background.

Color Contrast Check

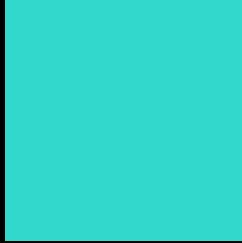
Large Text (above 18pt) WCAG AA × Fail

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 165.4110, 19.5174, -100.3384 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

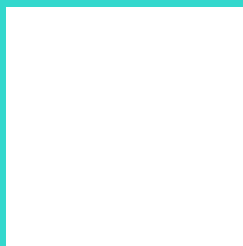
Any Text WCAG AAA ✓ Pass

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

YUV 165.4110, 19.5174, -100.3384 Background



This preview shows how black text looks on a background with the YUV color 165.4110, 19.5174, -100.3384.



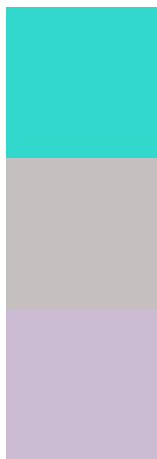
This preview shows how white text looks on a background with the YUV color 165.4110, 19.5174, -100.3384.

-100.3384.

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

165.4110, 19.5174, -100.3384

Protanopia

193.3810, -1.1738, 3.1739

Deuteranopia

195.1070, 7.8352, 6.9222



Tritanopia

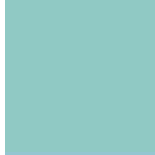
170.9960, 29.0890, -90.3275

Trichromacy



Original Color

165.4110, 19.5174, -100.3384



Protanomaly

183.3870, 6.2182, -34.5424



Deuteranomaly

184.3040, 12.1751, -31.8386



Tritanomaly

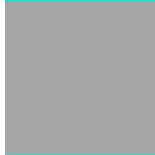
168.7630, 25.7528, -93.6312

Monochromacy



Original Color

165.4110, 19.5174, -100.3384



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.6040, 7.0972, -36.4867

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4110, 19.5174, -100.3384 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(51, 216, 205)` looks like.

```
.text, #text, p{  
    color:rgb(51, 216, 205)  
}
```

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(51, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 216, 205) }
```

Border

The CSS property to change the border of an element to YUV 165.4110, 19.5174, -100.3384 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(51, 216, 205) }
```


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

```
.border{ border-color:rgb(51, 216, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 216, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(51, 216,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 165.4110, 19.5174, -100.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 216, 205) }
```

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

```
.background{ background-color: rgb(51, 216,  
205) }
```

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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