

Converting Colors

YUV(165.0770, 26.0910,
-108.8155)

Have a look what the booklet for
YUV(165.0770, 26.0910, -108.8155)
contains.

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Color

**YUV(165.0770, 26.0910,
-108.8155)**

Conversions

Conversions Part 1

Format	Color
Hex	29DADA
RGB	41, 218, 218
RGB Percent	16%, 85%, 85%
CMY	0.8392, 0.1451, 0.1451
CMYK	0.81, 0.00, 0.00, 0.15
HSL	180°, 71%, 51%
HSV	180°, 81%, 85%
XYZ	38.6407, 55.6762, 75.0397
YIQ	165.0770, -105.4920, -37.5240

Conversions

Conversions Part 2

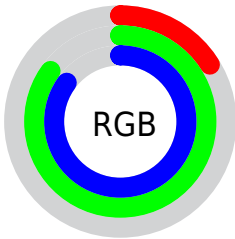
Format	Color
R _Y B	41, 130, 218
Decimal	2743002
CIE Lab	79.43, -40.93, -12.13
CIE LCh	79, 42.690, 196.504
Yxy	55.6762, 0.2282, 0.3288
Android (android.graphics.Color)	4280933082 (0xFF29DADA)
YUV	165.0770, 26.0910, -108.8155
Hunter-Lab	74.6165, -38.1412, -7.3947

Details

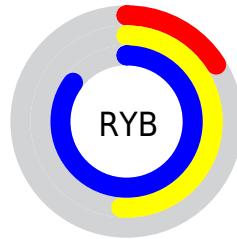
The YUV color **165.0770, 26.0910, -108.8155** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **93.9230, -26.0910, 108.8155**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9340, 19.7525, -82.3801**, and **113.6760, 24.3167, -99.6939** is the 20% darker color. If you saturate the color by 10%, you get **158.4990, 29.3340, -122.3406**, and if you desaturate by 10%, it is **171.6550, 22.8481, -95.2904**.

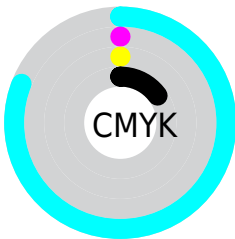
Distribution



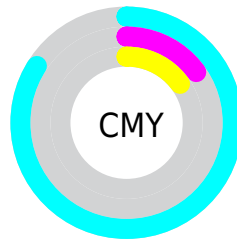
- Red (16%)
- Green (85%)
- Blue (85%)



- Red (16%)
- Yellow (51%)
- Blue (85%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.0770, 26.0910, -108.8155 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 165.0770, 26.0910, -108.8155 by changing the saturation by 10% instead.

■ 165.0770, 26.0910,
-108.8155

■ 165.0770, 26.0910,
-108.8155

■ 255.0000, 0.0000,
0.0000

■ 133.1900, 28.0073,
-116.8076

■ 214.9340, 19.7525,
-82.3801

■ 113.6760, 24.3167,
-99.6939

■ 224.8010, 14.8881,
-62.0925

■ 95.4500, 20.4842,
-83.7096

■ 234.3690, 10.1711,
-42.4196

■ 77.3380, 17.0884,
-67.8254

■ 243.6380, 5.6015,
-23.3615

■ 59.2260, 13.6926,
-51.9412

■ 253.2060, 0.8844,
-3.6887

■ 42.5160, 10.5916,
-37.2865

■ 28.2680, 6.7699,

-24.7910

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 165.0770, 26.0910,
-108.8155

■ 165.0770, 26.0910,
-108.8155

■ 158.4990, 29.3340,
-122.3406

■ 171.6550, 22.8481,
-95.2904

■ 152.8180, 32.1347,
-134.0214

■ 178.2330, 19.6051,
-81.7653

■ 184.5120, 16.5096,
-68.8550

■ 191.0900, 13.2666,
-55.3299

■ 197.6680, 10.0237,
-41.8048

■ 204.2460, 6.7807,
-28.2797

■ 210.8240, 3.5378,
-14.7546

■ 217.1030, 0.4422,
-1.8443

■ 223.6810, -2.8007,
11.6808

Harmonies

Analogous

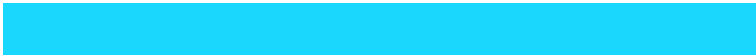
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178.9520, -0.9623, -64.8559



165.0770, 26.0910, -108.8155



162.8210, 44.4582, -119.9920

Triad

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



165.0770, 26.0910, -108.8155



202.2720, 24.5159, 23.4405



195.3830, -37.6568, 38.2521

Complementary

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



165.0770, 26.0910, -108.8155



93.9230, -26.0910, 108.8155

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.



195.0440, -26.6437, 52.5814



165.0770, 26.0910, -108.8155



199.4850, 8.1419, 48.6867

Square

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



165.0770, 26.0910, -108.8155



194.6860, 29.7348, -17.2646



193.7510, -8.7512, 53.7154



191.6520, -35.8174, 8.1982

Rectangle

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



165.0770, 26.0910, -108.8155



175.9720, 38.9608, -83.2904



193.7510, -8.7512, 53.7154



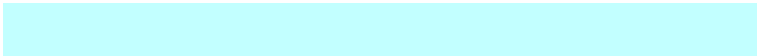
196.5950, -35.7893, 45.9592

Sweetspot

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



165.0770, 26.0910, -108.8155



236.7610, 8.9918, -37.5014



144.8990, -51.2222, -91.1194



116.9370, 5.4541, -22.7467



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.



165.0770, 26.0910, -108.8155



181.1470, 36.4095, -151.8499



113.4210, 51.5574, -63.5132



106.7110, 1.6215, -6.7625



121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Inverse Universe

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



114.1010, 51.2222, 91.1194



110.0110, 71.4796, 127.1554



146.1660, -51.8468, 62.9984



103.5430, 3.1833, 5.6628



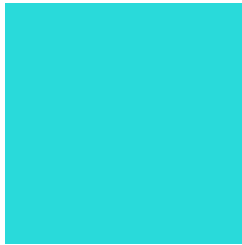
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 165.0770, 26.0910, -108.8155 looks on a white background.

Color Contrast Check

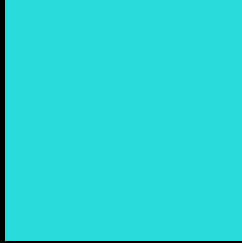
Large Text (above 18pt) WCAG AA × Fail

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 165.0770, 26.0910, -108.8155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

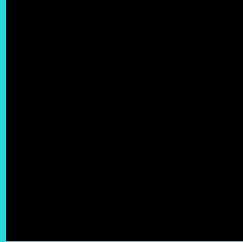
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

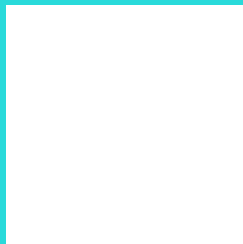
Any Text WCAG AAA ✓ Pass

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

YUV 165.0770, 26.0910, -108.8155 Background



This preview shows how black text looks on a background with the YUV color 165.0770, 26.0910, -108.8155.

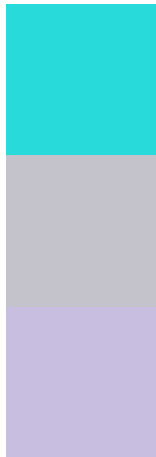


This preview shows how white text looks on a background with the YUV color 165.0770, 26.0910, -108.8155.

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

165.0770, 26.0910, -108.8155

Protanopia

195.6240, 3.6364, 0.3298

Deuteranopia

196.8660, 13.3771, 2.7485



Tritanopia

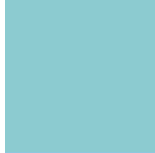
169.7990, 31.1581, -100.6787

Trichromacy



Original Color

165.0770, 26.0910, -108.8155



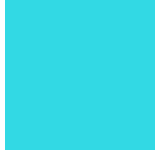
Protanomaly

184.7330, 11.4706, -39.2308



Deuteranomaly

185.1660, 18.1592, -37.8566



Tritanomaly

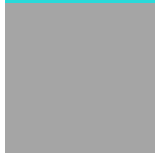
168.3210, 29.4217, -103.7675

Monochromacy



Original Color

165.0770, 26.0910, -108.8155



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.8640, 9.4340, -39.3457

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0770, 26.0910, -108.8155 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(41, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(41, 218, 218)  
}
```

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(41, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 218, 218) }
```

Border

The CSS property to change the border of an element to YUV 165.0770, 26.0910, -108.8155 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(41, 218, 218) }
```


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

```
.border{ border-color:rgb(41, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(41, 218,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 165.0770, 26.0910, -108.8155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 218, 218) }
```

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

```
.background{ background-color: rgb(41, 218,  
218) }
```

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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