

Converting Colors

YUV(165.4510, 15.5537,
-88.9725)

Have a look what the booklet for
YUV(165.4510, 15.5537, -88.9725)
contains.

| | |
|--|----|
| YUV(165.4510, 15.5537, -88.9725) | 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(165.4510, 15.5537,
-88.9725)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 40D3C5 |
| RGB | 64, 211, 197 |
| RGB Percent | 25%, 83%, 77% |
| CMY | 0.7490, 0.1725, 0.2275 |
| CMYK | 0.70, 0.00, 0.07, 0.17 |
| HSL | 174°, 63%, 54% |
| HSV | 174°, 70%, 83% |
| XYZ | 35.4867, 51.7097, 60.9340 |
| YIQ | 165.4510, -83.1180, -35.5180 |

Conversions

Conversions Part 2

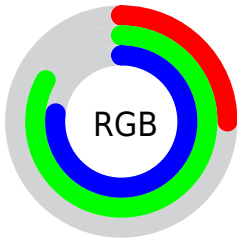
| Format | Color |
|-------------------------------------|---|
| RYB | 64, 141, 211 |
| Decimal | 4248517 |
| CIELab | 77.11, -41.29, -4.29 |
| CIELCh | 77, 41.509, 185.926 |
| Yxy | 51.7097, 0.2396, 0.3491 |
| Android (android.graphics.Color) | 4282438597 (0xFF40D3C5) |
| YUV | 165.4510, 15.5537, -88.9725 |
| Hunter-Lab | 71.9095, -37.7535, 0.0961 |

Details

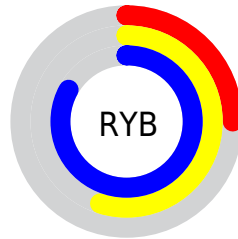
The YUV color **165.4510, 15.5537, -88.9725** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **109.5490, -15.5537, 88.9725**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.8100, 17.8417, -76.1324**, and **107.8740, 17.3171, -94.6055** is the 20% darker color. If you saturate the color by 10%, you get **158.9440, 17.7756, -101.6829**, and if you desaturate by 10%, it is **171.9580, 13.3317, -76.2622**.

Distribution



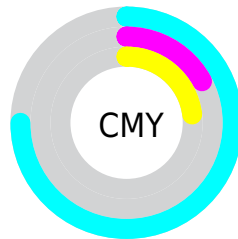
- Red (25%)
- Green (83%)
- Blue (77%)



- Red (25%)
- Yellow (55%)
- Blue (83%)



- Cyan (70%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (75%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4510, 15.5537, -88.9725 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 165.4510, 15.5537, -88.9725 by changing the saturation by 10% instead.

■ 165.4510, 15.5537,
-88.9725

■ 165.4510, 15.5537,
-88.9725

■ 255.0000, 0.0000,
0.0000

■ 127.6980, 20.8549,
-109.3601

■ 217.8100, 17.8417,
-76.1324

■ 107.8740, 17.3171,
-94.6055

■ 227.1930, 13.7089,
-57.1743

■ 89.1750, 14.2107,
-78.2065

■ 236.1630, 9.2866,
-38.7310

■ 71.0630, 10.8149,
-62.3223

■ 245.4320, 4.7170,
-19.6729

■ 53.7660, 8.0034,
-47.1528

■ 254.7010, 0.1474,
-0.6148

■ 37.0560, 4.9024,
-32.4981

■ 22.4490, 2.2436,

-19.6878

■ 0.0000, 0.0000,
0.0000

■ 165.4510, 15.5537,
-88.9725

■ 165.4510, 15.5537,
-88.9725

■ 158.9440, 17.7756,
-101.6829

■ 171.9580, 13.3317,
-76.2622

■ 152.4370, 19.9976,
-114.3932

■ 178.4650, 11.1098,
-63.5518

■ 145.9300, 22.2195,
-127.1036

■ 184.9720, 8.8878,
-50.8414

■ 145.6310, 22.3669,
-127.7184

■ 191.4790, 6.6659,
-38.1311

■ 198.2850, 4.2965,
-24.8059

■ 204.7920, 2.0745,
-12.0956

■ 211.2990, -0.1474,
0.6148

■ 217.8060, -2.3694,
13.3251

■ 224.3130, -4.5913,
26.0355

Harmonies

Analogous

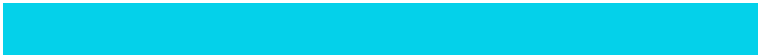
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.9880, -8.8681, -49.1015



165.4510, 15.5537, -88.9725



150.5550, 41.1384, -128.5287

Triad

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



165.4510, 15.5537, -88.9725



194.6230, 28.7799, 9.1006



189.7520, -33.8947, 44.9445

Complementary

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



165.4510, 15.5537, -88.9725



109.5490, -15.5537, 88.9725

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.



189.8580, -21.1290, 57.1295



165.4510, 15.5537, -88.9725



195.5320, 13.5417, 43.3834

Square

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



165.4510, 15.5537, -88.9725



185.7270, 34.1516, -33.9636



191.1410, -3.5205, 56.0043



187.1910, -36.5762, 18.2495

Rectangle

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



165.4510, 15.5537, -88.9725



164.7250, 43.5196, -98.8598



191.1410, -3.5205, 56.0043



190.8930, -31.0062, 51.8368

Sweetspot

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



165.4510, 15.5537, -88.9725



238.2840, 5.7760, -32.6981



154.7740, -44.7516, -66.4538



117.9760, 2.9698, -19.2730



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.



165.4510, 15.5537, -88.9725



188.7340, 22.8091, -129.5627



132.4140, 38.7429, -59.9991



101.5970, 1.1847, -6.6626



115.9440, 17.7756, -101.6829



28.2850, 4.2965, -24.8059

Inverse Universe

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



109.5490, -15.5537, 88.9725



107.2660, -22.8091, 129.5627



142.5860, -38.7429, 59.9991



97.4030, -1.1847, 6.6626



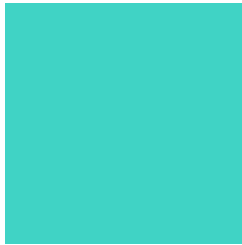
52.0560, -17.7756, 101.6829



12.7150, -4.2965, 24.8059

Previews

White Background



This preview shows how the YUV color 165.4510, 15.5537, -88.9725 looks on a white background.

Color Contrast Check

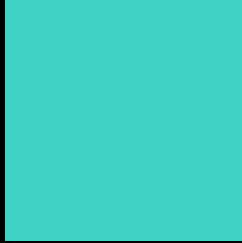
Large Text (above 18pt) WCAG AA × Fail

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 165.4510, 15.5537, -88.9725 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

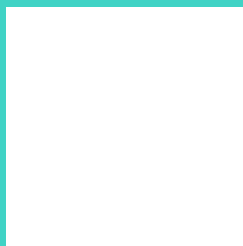
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.4510, 15.5537, -88.9725

Background



This preview shows how black text looks on a background with the YUV color 165.4510, 15.5537, -88.9725.

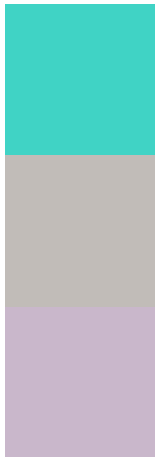


This preview shows how white text looks on a background with the YUV color 165.4510, 15.5537, -88.9725.

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

165.4510, 15.5537, -88.9725

Protanopia

189.0390, -2.4842, 3.4738

Deuteranopia

190.6620, 6.0826, 9.0664



Tritanopia

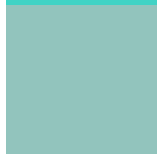
170.3670, 26.4411, -81.0059

Trichromacy



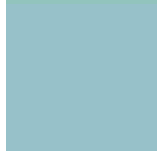
Original Color

165.4510, 15.5537, -88.9725



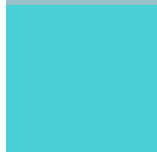
Protanomaly

180.2520, 4.3128, -30.0390



Deuteranomaly

181.3540, 9.6855, -26.6205



Tritanomaly

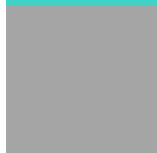
168.3190, 22.5207, -83.5948

Monochromacy



Original Color

165.4510, 15.5537, -88.9725



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.2840, 5.7760, -32.6981

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4510, 15.5537, -88.9725 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(64, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(64, 211, 197)  
}
```

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(64, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 211, 197) }
```

Border

The CSS property to change the border of an element to YUV 165.4510, 15.5537, -88.9725 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

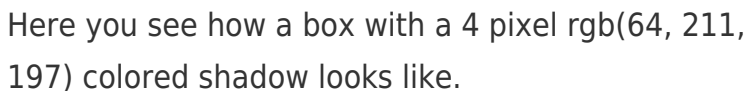
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(64, 211, 197) }
```


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

```
.border{ border-color:rgb(64, 211, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(64, 211, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(64, 211, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(64, 211, 197); box-shadow:4px 4px 4px 4px rgb(64, 211, 197) }
```

Background

The CSS property to change the background color of an element to YUV 165.4510, 15.5537, -88.9725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 211, 197) }
```

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

```
.background{ background-color: rgb(64, 211,  
197) }
```

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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