

Converting Colors

YUV(165.2860, -1.1270,
-105.4908)

Have a look what the booklet for
YUV(165.2860, -1.1270, -105.4908)
contains.

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Color

**YUV(165.2860, -1.1270,
-105.4908)**

Conversions

Conversions Part 1

Format	Color
Hex	2DE3A3
RGB	45, 227, 163
RGB Percent	18%, 89%, 64%
CMY	0.8235, 0.1098, 0.3608
CMYK	0.80, 0.00, 0.28, 0.11
HSL	159°, 76%, 53%
HSV	159°, 80%, 89%
XYZ	35.1621, 58.1404, 44.0193
YIQ	165.2860, -87.9280, -58.4880

Conversions

Conversions Part 2

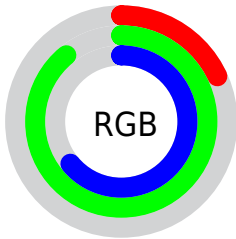
Format	Color
RYB	45, 155, 227
Decimal	3007395
CIELab	80.82, -58.38, 19.04
CIElCh	81, 61.405, 161.936
Yxy	58.1404, 0.2561, 0.4234
Android (android.graphics.Color)	4281197475 (0xFF2DE3A3)
YUV	165.2860, -1.1270, -105.4908
Hunter-Lab	76.2499, -51.1231, 19.1466

Details

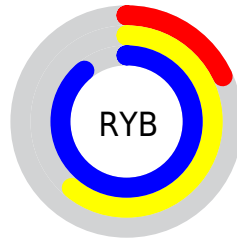
The YUV color **165.2860, -1.1270, -105.4908** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **106.7140, 1.1270, 105.4908**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7160, 3.5910, -78.6809**, and **112.4440, -0.7119, -98.6134** is the 20% darker color. If you saturate the color by 10%, you get **157.4970, -1.2310, -118.8309**, and if you desaturate by 10%, it is **173.0750, -1.0230, -92.1508**.

Distribution



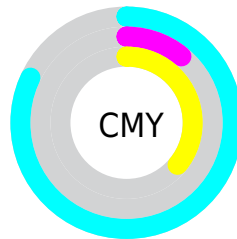
- Red (18%)
- Green (89%)
- Blue (64%)



- Red (18%)
- Yellow (61%)
- Blue (89%)



- Cyan (80%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)



- Cyan (82%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.2860, -1.1270, -105.4908 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 165.2860, -1.1270, -105.4908 by changing the saturation by 10% instead.

■ 165.2860, -1.1270,
-105.4908

■ 165.2860, -1.1270,
-105.4908

255.0000, 0.0000,
0.0000

■ 131.8440, 2.5419,
-115.6272

■ 210.7160, 3.5910,
-78.6809

■ 112.4440, -0.7119,
-98.6134

■ 223.5900, 11.5411,
-61.9074

■ 93.7450, -3.8183,
-82.2144

■ 234.0700, 10.3185,
-43.0344

■ 75.2740, -6.0511,
-66.0153

■ 243.3390, 5.7489,
-23.9763

■ 57.3900, -8.5733,
-50.3310

■ 252.6080, 1.1793,
-4.9182

■ 40.3210, -10.5113,
-35.3615

■ 24.6540, -12.1544,

-21.6216

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 165.2860, -1.1270,
-105.4908

■ 165.2860, -1.1270,
-105.4908

■ 157.4970, -1.2310,
-118.8309

■ 173.0750, -1.0230,
-92.1508


■ 150.0070, -1.4825,
-131.5561


■ 180.5650, -0.7715,
-79.4255


■ 188.3540, -0.6675,
-66.0855

■ 196.1430, -0.5635,
-52.7454

 203.9320, -0.4595,
-39.4054

 211.4220, -0.2080,
-26.6801

 219.2110, -0.1040,
-13.3400

 227.0000, 0.0000,
0.0000

 234.4900, 0.2514,
12.7253

Harmonies

Analogous

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



185.4590, -36.7083, -32.8515



165.2860, -1.1270, -105.4908



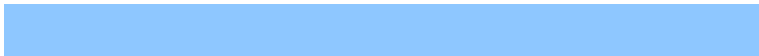
160.4320, 30.8460, -140.6989

Triad

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



165.2860, -1.1270, -105.4908



188.3410, 32.8629, -40.6411



186.9910, -29.5756, 59.6439

Complementary

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



165.2860, -1.1270, -105.4908



106.7140, 1.1270, 105.4908

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.



185.4020, -2.6632, 61.0374



165.2860, -1.1270, -105.4908



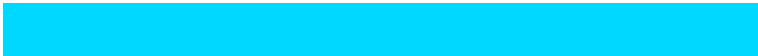
202.6470, 25.8100, 28.3736

Square

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



165.2860, -1.1270, -105.4908



155.8620, 48.8750, -136.6910



194.9490, 21.2241, 52.6647



194.9860, -52.2511, 52.6323

Rectangle

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



165.2860, -1.1270, -105.4908



162.9060, 45.4023, -142.8686



194.9490, 21.2241, 52.6647



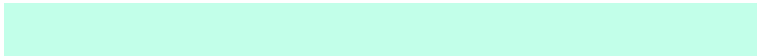
185.2930, -20.8504, 61.1330

Sweetspot

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



165.2860, -1.1270, -105.4908



234.2530, -0.6177, -35.3019



171.8670, -62.5454, -52.5034



115.3410, -0.6611, -21.3471



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.



165.2860, -1.1270, -105.4908



171.9410, -1.4499, -142.0223



158.4940, 33.7735, -99.5342



110.9560, 0.0217, -6.9774



118.2970, -1.1324, -103.7465



33.6990, -0.3446, -29.5540

Inverse Universe

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



106.7140, 1.1270, 105.4908



93.0590, 1.4499, 142.0223



113.5060, -33.7735, 99.5342



107.0440, -0.0217, 6.9774



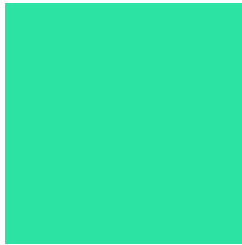
60.7030, 1.1324, 103.7465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 165.2860, -1.1270, -105.4908 looks on a white background.

Color Contrast Check

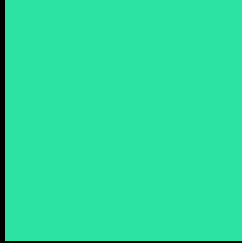
Large Text (above 18pt) WCAG AA × Fail

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 165.2860, -1.1270, -105.4908 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

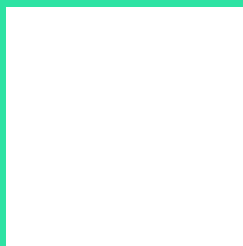
Any Text WCAG AAA ✓ Pass

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

YUV 165.2860, -1.1270, -105.4908 Background



This preview shows how black text looks on a background with the YUV color 165.2860, -1.1270, -105.4908.



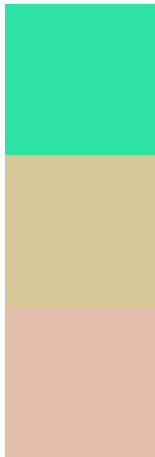
This preview shows how white text looks on a background with the YUV color 165.2860, -1.1270, -105.4908.

-105.4908.

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

165.2860, -1.1270, -105.4908

Protanopia

197.6000, -23.4668, 13.5058

Deuteranopia

199.7830, -14.1900, 24.7463



Tritanopia

180.1710, 27.0307, -83.4650

Trichromacy



Original Color

165.2860, -1.1270, -105.4908



Protanomaly

185.8010, -15.1849, -29.6435



Deuteranomaly

187.0390, -9.3862, -22.8362



Tritanomaly

174.4830, 17.0169, -91.6316

Monochromacy



Original Color

165.2860, -1.1270, -105.4908



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.2310, -0.6069, -38.7906

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2860, -1.1270, -105.4908 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(45, 227, 163)` looks like.

```
.text, #text, p{  
    color:rgb(45, 227, 163)  
}
```

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(45, 227, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 227, 163) }
```

Border

The CSS property to change the border of an element to YUV 165.2860, -1.1270, -105.4908 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(45, 227, 163) }
```


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

```
.border{ border-color:rgb(45, 227, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 227, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 227, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 227, 163);  
box-shadow:4px 4px 4px 4px rgb(45, 227,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 165.2860, -1.1270, -105.4908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 227, 163) }
```

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

```
.background{ background-color: rgb(45, 227,  
163) }
```

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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