

Converting Colors

YUV(165.0410, 0.4728,
-105.2760)

Have a look what the booklet for
YUV(165.0410, 0.4728, -105.2760)
contains.

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Color

**YUV(165.0410, 0.4728,
-105.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	2DE2A6
RGB	45, 226, 166
RGB Percent	18%, 89%, 65%
CMY	0.8235, 0.1137, 0.3490
CMYK	0.80, 0.00, 0.27, 0.11
HSL	160°, 76%, 53%
HSV	160°, 80%, 89%
XYZ	35.1615, 57.7038, 45.3611
YIQ	165.0410, -88.6160, -57.0320

Conversions

Conversions Part 2

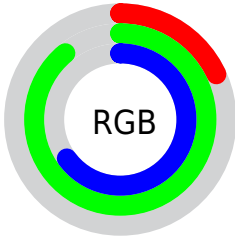
Format	Color
RYB	45, 153, 226
Decimal	3007142
CIELab	80.57, -57.33, 17.13
CIELCh	81, 59.839, 163.362
Yxy	57.7038, 0.2544, 0.4175
Android (android.graphics.Color)	4281197222 (0xFF2DE2A6)
YUV	165.0410, 0.4728, -105.2760
Hunter-Lab	75.9630, -50.3118, 17.7692

Details

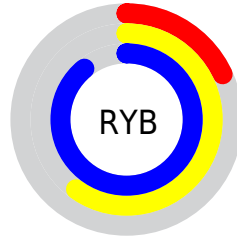
The YUV color **165.0410, 0.4728, -105.2760** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **105.9590, -0.4728, 105.2760**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.0580, 4.9014, -78.9809**, and **112.1990, 0.8879, -98.3985** is the 20% darker color. If you saturate the color by 10%, you get **157.3660, 0.8056, -118.7160**, and if you desaturate by 10%, it is **172.7160, 0.1400, -91.8359**.

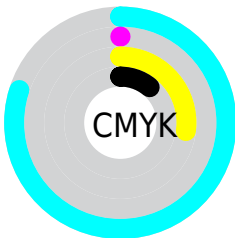
Distribution



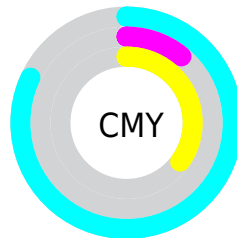
- Red (18%)
- Green (89%)
- Blue (65%)



- Red (18%)
- Yellow (60%)
- Blue (89%)



- Cyan (80%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)



- Cyan (82%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.0410, 0.4728, -105.2760 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 165.0410, 0.4728, -105.2760 by changing the saturation by 10% instead.

■ 165.0410, 0.4728,
-105.2760

■ 165.0410, 0.4728,
-105.2760

■ 255.0000, 0.0000,
0.0000

■ 131.5990, 4.1417,
-115.4123

■ 211.0580, 4.9014,
-78.9809

■ 112.1990, 0.8879,
-98.3985

■ 223.9320, 12.8515,
-62.2074

■ 93.5000, -2.2185,
-81.9995

■ 233.7710, 10.4659,
-43.6492

■ 75.0290, -4.4513,
-65.8004

■ 243.0400, 5.8963,
-24.5911

■ 57.7320, -7.2629,
-50.6310

■ 252.6080, 1.1793,
-4.9182

■ 40.0760, -8.9115,
-35.1467

■ 24.0670, -11.8650,

-21.1068

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 165.0410, 0.4728,
-105.2760

■ 165.0410, 0.4728,
-105.2760

■ 157.3660, 0.8056,
-118.7160

■ 172.7160, 0.1400,
-91.8359


■ 149.8760, 0.5541,
-131.4413


■ 180.2060, 0.3914,
-79.1107


■ 187.8810, 0.0587,
-65.6706

■ 195.3710, 0.3101,
-52.9454

 203.0460, -0.0227,
-39.5053

 210.8350, 0.0813,
-26.1653

 218.2110, -0.1040,
-13.3400

 226.0000, 0.0000,
0.0000

 233.3760, -0.1854,
12.8252

Harmonies

Analogous

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



184.7300, -34.3769, -33.9662



165.0410, 0.4728, -105.2760



159.3720, 31.8616, -139.7692

Triad

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



165.0410, 0.4728, -105.2760



189.5590, 32.2624, -34.6932



187.4640, -30.3018, 59.2291

Complementary

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



165.0410, 0.4728, -105.2760



105.9590, -0.4728, 105.2760

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.



185.6470, -4.2630, 60.8226



165.0410, 0.4728, -105.2760



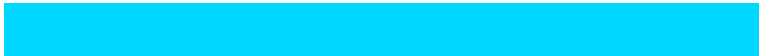
202.3590, 25.9520, 29.5032

Square

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



165.0410, 0.4728, -105.2760



155.2750, 49.1644, -136.1762



194.3790, 19.0402, 53.1646



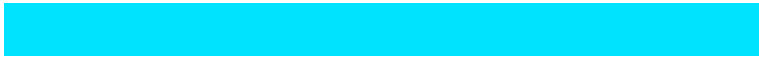
195.8010, -51.6669, 51.9175

Rectangle

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



165.0410, 0.4728, -105.2760



162.3190, 45.6917, -142.3538



194.3790, 19.0402, 53.1646



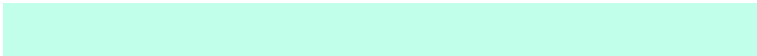
186.2390, -22.3028, 60.3034

Sweetspot

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



165.0410, 0.4728, -105.2760



234.4810, 0.2559, -35.5018



169.1870, -61.2242, -56.2920



115.4550, -0.2243, -21.4470



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.



165.0410, 0.4728, -105.2760



172.5110, 0.7341, -142.5221



154.2710, 35.3624, -95.8307



108.2550, -0.1257, -6.3626



116.7640, 0.6093, -102.4020



31.8240, 0.0868, -27.9096

Inverse Universe

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



105.9590, -0.4728, 105.2760



92.4890, -0.7341, 142.5221



116.7290, -35.3624, 95.8307



104.7450, 0.1257, 6.3626



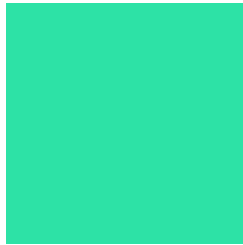
59.2360, -0.6093, 102.4020



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 165.0410, 0.4728, -105.2760 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 165.0410, 0.4728, -105.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

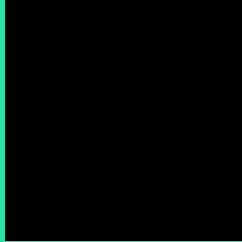
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

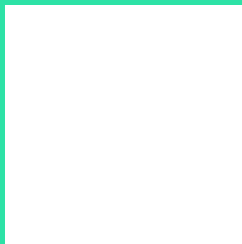
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.0410, 0.4728, -105.2760

Background



This preview shows how black text looks on a background with the YUV color 165.0410, 0.4728, -105.2760.



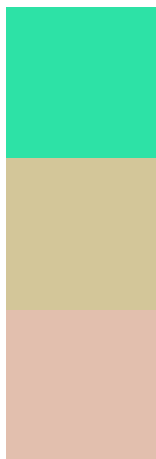
This preview shows how white text looks on a background with the YUV color 165.0410, 0.4728,

-105.2760.

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

165.0410, 0.4728, -105.2760

Protanopia

196.7570, -21.5722, 12.4911

Deuteranopia

199.5270, -12.5848, 23.2168



Tritanopia

179.2850, 27.4675, -83.5649

Trichromacy



Original Color

165.0410, 0.4728, -105.2760



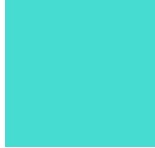
Protanomaly

185.2570, -13.4377, -30.0434



Deuteranomaly

187.0820, -7.9284, -23.7509



Tritanomaly

174.0100, 17.7431, -91.2168

Monochromacy



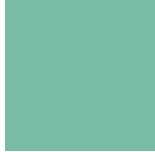
Original Color

165.0410, 0.4728, -105.2760



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.7580, 0.1193, -38.3758

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0410, 0.4728, -105.2760 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, 226, 166)` looks like.

```
.text, #text, p{  
    color:rgb(45, 226, 166)  
}
```

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, 226, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 226, 166) }
```

Border

The CSS property to change the border of an element to YUV 165.0410, 0.4728, -105.2760 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, 226, 166) }
```


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

```
.border{ border-color:rgb(45, 226, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 226, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 226, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 226, 166);  
box-shadow:4px 4px 4px 4px rgb(45, 226,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 165.0410, 0.4728, -105.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 226, 166) }
```

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

```
.background{ background-color: rgb(45, 226,  
166) }
```

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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