

Converting Colors

YIQ(145.0490, -109.4300,
-65.2860)

Have a look what the booklet for
YIQ(145.0490, -109.4300, -65.2860)
contains.

YIQ(145.0490, -109.4300, -65.2860)	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

**YIQ(145.0490, -109.4300,
-65.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	00D99B
RGB	0, 217, 155
RGB Percent	0%, 85%, 61%
CMY	0.9999, 0.1486, 0.3925
CMYK	1.00, 0.00, 0.29, 0.15
HSL	163°, 100%, 43%
HSV	163°, 100%, 85%
XYZ	30.7445, 52.0359, 39.3905
YIQ	145.0490, -109.4300, -65.2860

Conversions

Conversions Part 2

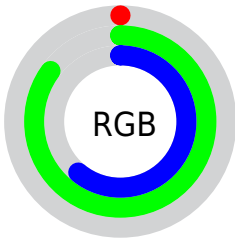
Format	Color
RYB	0, 127, 217
Decimal	55707
CIELab	77.30, -58.94, 18.36
CIELCh	77, 61.732, 162.700
Yxy	52.0359, 0.2517, 0.4259
Android (android.graphics.Color)	4278245787 (0xFF00D99B)
YUV	145.0490, 4.9058, -127.2080
Hunter-Lab	72.1359, -50.1609, 18.1193

Details

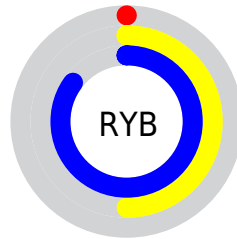
The YIQ color **145.0490, -109.4300, -65.2860** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **71.9510, 109.4300, 65.2860**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **205.0200, -74.9550, -45.7950**, and **106.3630, -77.6590, -51.8590** is the 20% darker color. If you saturate the color by 10%, you get **145.0490, -109.4300, -65.2860**, and if you desaturate by 10%, it is **152.3110, -98.2440, -58.7560**.

Distribution



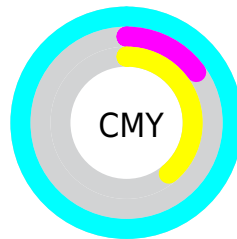
- Red (0%)
- Green (85%)
- Blue (61%)



- Red (0%)
- Yellow (50%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.0490, -109.4300, -65.2860 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 YIQ color 145.0490, -109.4300, -65.2860 by changing the saturation by 10% instead.

■ 145.0490,
-109.4300, -65.2860

■ 145.0490,
-109.4300, -65.2860

■ 255.0000, -0.0000,
-0.0000

■ 125.6490,
-93.3840, -58.7280

■ 205.0200,
-74.9550, -45.7950

■ 106.3630,
-77.6590, -51.8590

■ 218.3780,
-63.6790, -29.8790

■ 87.6640, -62.2090,
-45.5130

■ 229.5850,
-50.6600, -18.0200

■ 69.1930, -47.4010,
-38.5450

■ 239.1530,
-31.5880, -11.2360

■ 51.4230, -33.1890,
-31.7890

■ 248.4220,
-13.1120, -4.6640

■ 34.9410, -19.8480,
-25.7680

■ 19.3710, -9.0750,

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 145.0490,
-109.4300, -65.2860

■ 152.3110,
-98.2440, -58.7560

■ 159.2740,
-87.6540, -52.4380

■ 166.6500,
-76.7890, -45.5970

■ 173.9120,
-65.6030, -39.0670

■ 181.1740,
-54.4170, -32.5370

■ 188.1370,
-43.8270, -26.2190

■ 195.3990,
-32.6410, -19.6890

■ 202.7750,
-21.7760, -12.8480

■ 209.7380,
-11.1860, -6.5300

Harmonies

Analogous

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



175.0890, -9.4820, -48.4420



145.0490, -109.4300, -65.2860



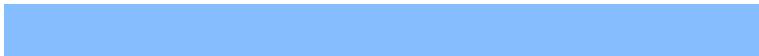
152.9490, -128.9190, -47.9830

Triad

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



145.0490, -109.4300, -65.2860



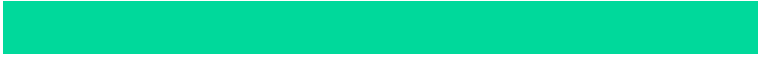
180.0790, -53.9660, 8.8660



179.8670, 72.3940, 9.5940

Complementary

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



145.0490, -109.4300, -65.2860



71.9510, 109.4300, 65.2860

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.



178.2780, 58.9560, 32.8760



145.0490, -109.4300, -65.2860



194.0860, 7.1910, 40.3990

Square

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



145.0490, -109.4300, -65.2860



149.9920, -138.5050, -28.4330



187.7110, 39.2840, 47.9880



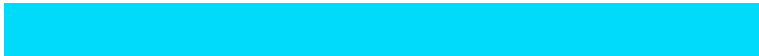
187.3670, 75.8370, -14.2670

Rectangle

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



145.0490, -109.4300, -65.2860



156.5800, -140.5210, -35.9530



187.7110, 39.2840, 47.9880



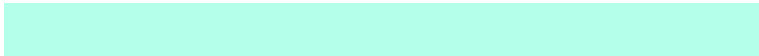
178.1690, 68.9080, 17.7080

Sweetspot

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



145.0490, -109.4300, -65.2860



229.7680, -38.2340, -22.9540



146.8140, -20.9350, -99.7110



112.6500, -22.9220, -14.1060



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.



145.0490, -109.4300, -65.2860



170.4330, -128.5470, -76.7630



126.8760, -117.5070, -23.5150



106.3690, -5.5930, -3.2650



115.6870, -87.3790, -51.9150



30.7640, -23.2430, -13.7950

Inverse Universe

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



71.9510, 109.4300, 65.2860



84.5670, 128.5470, 76.7630



90.1240, 117.5070, 23.5150



102.6310, 5.5930, 3.2650



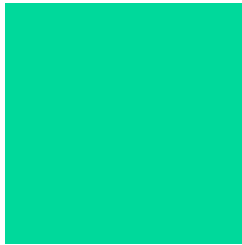
57.4270, 87.0580, 52.2260



15.2360, 23.2430, 13.7950

Previews

White Background



This preview shows how the YIQ color 145.0490, -109.4300, -65.2860 looks on a white background.

Color Contrast Check

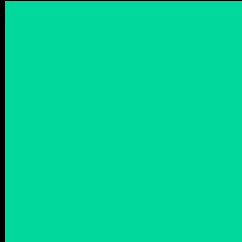
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 145.0490, -109.4300, -65.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

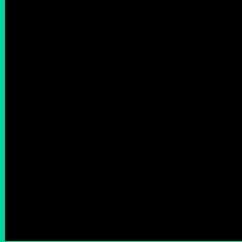
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

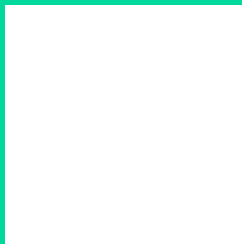
Any Text WCAG AAA ✓ Pass

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

YIQ 145.0490, -109.4300, -65.2860 Background



This preview shows how black text looks on a background with the YIQ color 145.0490, -109.4300, -65.2860.



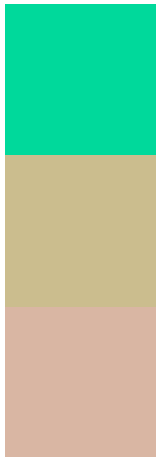
This preview shows how white text looks on a background with the YIQ color 145.0490, -109.4300, -65.2860.

-65.2860.

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

145.0490, -109.4300, -65.2860

Protanopia

187.8280, 23.4310, -11.6490

Deuteranopia

190.2990, 26.9590, 1.5110



Tritanopia

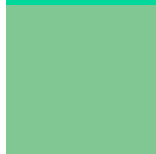
169.2740, -86.5130, -23.5450

Trichromacy



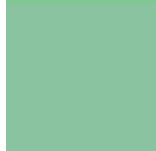
Original Color

145.0490, -109.4300, -65.2860



Protanomaly

172.1420, -25.0280, -31.0120



Deuteranomaly

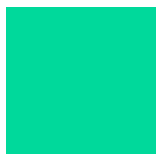
173.9670, -22.7370, -22.9690



Tritanomaly

160.4110, -94.8090, -38.4010

Monochromacy



Original Color

145.0490, -109.4300, -65.2860



Achromatopsia

145.0000, 0.0000, -0.0000



Achromatomaly

144.8710, -40.0220, -23.5900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.0490, -109.4300, -65.2860 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(0, 217, 155)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 155)  
}
```

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(0, 217, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 155) }
```

Border

The CSS property to change the border of an element to YIQ 145.0490, -109.4300, -65.2860 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(0, 217, 155) }
```


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

```
.border{ border-color:rgb(0, 217, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 155);  
box-shadow:4px 4px 4px 4px rgb(0, 217,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 145.0490, -109.4300, -65.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 155) }
```

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

```
.background{ background-color: rgb(0, 217,  
155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor