

Converting Colors

YIQ(142.9290, -108.9720,
-62.5720)

Have a look what the booklet for
YIQ(142.9290, -108.9720, -62.5720)
contains.

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Color

**YIQ(142.9290, -108.9720,
-62.5720)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00D59D |
| RGB | 0, 213, 157 |
| RGB Percent | 0%, 84%, 62% |
| CMY | 0.9999, 0.1643, 0.3847 |
| CMYK | 1.00, 0.00, 0.26, 0.16 |
| HSL | 164°, 100%, 42% |
| HSV | 164°, 100%, 84% |
| XYZ | 29.8941, 50.0644, 39.9417 |
| YIQ | 142.9290, -108.9720, -62.5720 |

Conversions

Conversions Part 2

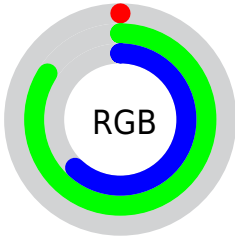
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 123, 213 |
| Decimal | 54685 |
| CIELab | 76.11, -56.99, 15.64 |
| CIELCh | 76, 59.096, 164.655 |
| Yxy | 50.0644, 0.2493, 0.4176 |
| Android (android.graphics.Color) | 4278244765 (0xFF00D59D) |
| YUV | 142.9290, 6.9370, -125.3487 |
| Hunter-Lab | 70.7562, -48.4082, 16.0603 |

Details

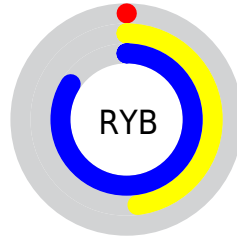
The YIQ color **142.9290, -108.9720, -62.5720** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **70.0710, 108.9720, 62.5720**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.2480, -75.5970, -45.1730**, and **104.2430, -77.2010, -49.1450** is the 20% darker color. If you saturate the color by 10%, you get **142.9290, -108.9720, -62.5720**, and if you desaturate by 10%, it is **149.8920, -98.3820, -56.2540**.

Distribution



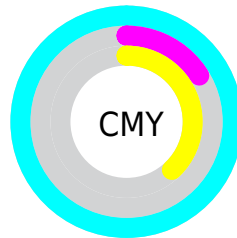
- Red (0%)
- Green (84%)
- Blue (62%)



- Red (0%)
- Yellow (48%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.9290, -108.9720, -62.5720 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 142.9290, -108.9720, -62.5720 by changing the saturation by 10% instead.

■ 142.9290,
-108.9720, -62.5720

■ 142.9290,
-108.9720, -62.5720

■ 255.0000, -0.0000,
-0.0000

■ 123.5290,
-92.9260, -56.0140

■ 205.2480,
-75.5970, -45.1730

■ 104.1290,
-76.8800, -49.4560

■ 218.0080,
-65.5130, -29.6810

■ 85.5440, -61.7510,
-42.7990

■ 229.2860,
-51.2560, -18.2320

■ 67.6600, -47.2180,
-36.3540

■ 238.5550,
-32.7800, -11.6600

■ 49.8900, -33.0060,
-29.5980

■ 247.8240,
-14.3040, -5.0880

■ 33.4080, -19.6650,
-23.5770

■ 17.6100, -8.2500,

-15.6900

■ 0.0000, 0.0000,
0.0000

■ 142.9290,
-108.9720, -62.5720

■ 149.8920,
-98.3820, -56.2540

■ 157.0400,
-86.8750, -50.0350

■ 164.0030,
-76.2850, -43.7170

■ 170.8520,
-65.3740, -37.7100

■ 178.1140,
-54.1880, -31.1800

■ 185.0770,
-43.5980, -24.8620

■ 191.9260,
-32.6870, -18.8550

■ 198.8890,
-22.0970, -12.5370

■ 206.0370,
-10.5900, -6.3180

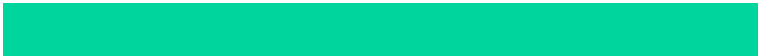
Harmonies

Analogous

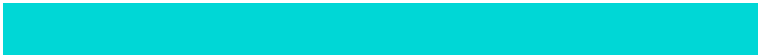
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172.5880, -12.3250, -46.4770



142.9290, -108.9720, -62.5720



150.6010, -127.8190, -45.8910

Triad

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



142.9290, -108.9720, -62.5720



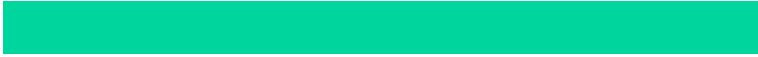
179.5360, -47.8230, 13.1770



179.5250, 73.3570, 8.6610

Complementary

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



142.9290, -108.9720, -62.5720



70.0710, 108.9720, 62.5720

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.



177.5940, 60.8820, 31.0100



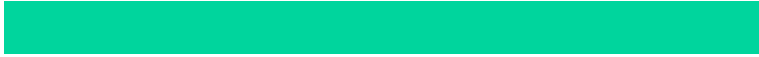
142.9290, -108.9720, -62.5720



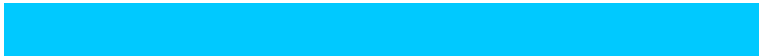
191.7380, 8.2910, 42.4910

Square

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



142.9290, -108.9720, -62.5720



147.0570, -137.1300, -25.8180



185.6250, 42.4020, 46.5460



184.2030, 70.4270, -15.3410

Rectangle

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



142.9290, -108.9720, -62.5720



153.3030, -138.1830, -34.2710



185.6250, 42.4020, 46.5460



177.8270, 69.8710, 16.7750

Sweetspot

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



142.9290, -108.9720, -62.5720



229.9960, -38.8760, -22.3320



142.0740, -24.6030, -99.3150



112.7640, -23.2430, -13.7950



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.



142.9290, -108.9720, -62.5720



171.1170, -130.4730, -74.8970



119.9630, -113.1980, -19.0060



103.3690, -5.5930, -3.2650



114.7410, -87.4710, -50.2470



28.8890, -22.0970, -12.5370

Inverse Universe

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



70.0710, 108.9720, 62.5720



83.8830, 130.4730, 74.8970



93.0370, 113.1980, 19.0060



99.6310, 5.5930, 3.2650



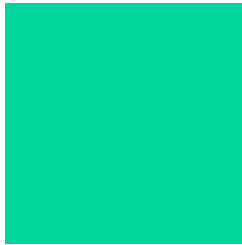
56.2590, 87.4710, 50.2470



14.1110, 22.0970, 12.5370

Previews

White Background



This preview shows how the YIQ color 142.9290, -108.9720, -62.5720 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 142.9290, -108.9720, -62.5720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

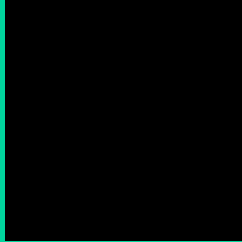
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

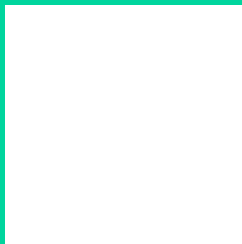
Any Text WCAG AAA ✓ Pass

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

YIQ 142.9290, -108.9720, -62.5720 Background



This preview shows how black text looks on a background with the YIQ color 142.9290, -108.9720, -62.5720.



This preview shows how white text looks on a background with the YIQ color 142.9290, -108.9720, -62.5720.

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

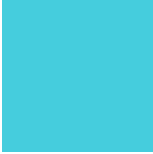
142.9290, -108.9720, -62.5720

Protanopia

185.0990, 21.2300, -10.3060

Deuteranopia

187.1570, 24.4830, 2.3310



Tritanopia

166.1600, -86.1920, -23.8560

Trichromacy



Original Color

142.9290, -108.9720, -62.5720



Protanomaly

170.0110, -26.0370, -29.2450



Deuteranomaly

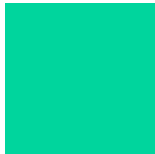
170.8360, -23.7460, -21.2020



Tritanomaly

157.8240, -94.5340, -37.8780

Monochromacy



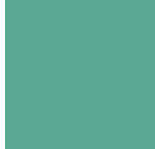
Original Color

142.9290, -108.9720, -62.5720



Achromatopsia

143.0000, -0.0000, 0.0000



Achromatomaly

142.6970, -39.4720, -22.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.9290, -108.9720, -62.5720 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, 213, 157)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 157)  
}
```

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, 213, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 157) }
```

Border

The CSS property to change the border of an element to YIQ 142.9290, -108.9720, -62.5720 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, 213, 157) }
```


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

```
.border{ border-color:rgb(0, 213, 157) }
```

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

Here you see how a box with a 4 pixel rgb(0, 213, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 157);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 142.9290, -108.9720, -62.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 157) }
```

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

```
.background{ background-color: rgb(0, 213,  
157) }
```

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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