

Converting Colors

YIQ(149.5340, -100.4900,
-62.1060)

Have a look what the booklet for
YIQ(149.5340, -100.4900, -62.1060)
contains.

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Color

**YIQ(149.5340, -100.4900,
-62.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	0FD99B
RGB	15, 217, 155
RGB Percent	6%, 85%, 61%
CMY	0.9416, 0.1487, 0.3925
CMYK	0.93, 0.00, 0.29, 0.15
HSL	162°, 87%, 45%
HSV	162°, 93%, 85%
XYZ	30.9384, 52.1334, 39.4031
YIQ	149.5340, -100.4900, -62.1060

Conversions

Conversions Part 2

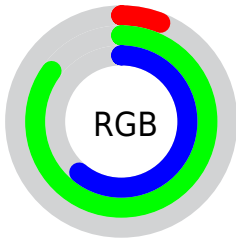
Format	Color
RYB	15, 134, 217
Decimal	1038747
CIELab	77.36, -58.47, 18.44
CIELCh	77, 61.310, 162.494
Yxy	52.1334, 0.2526, 0.4257
Android (android.graphics.Color)	4279228827 (0xFF0FD99B)
YUV	149.5340, 2.6947, -117.9863
Hunter-Lab	72.2035, -49.8707, 18.1865

Details

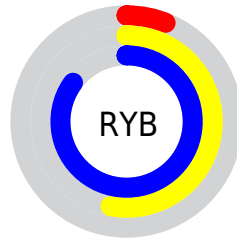
The YIQ color **149.5340, -100.4900, -62.1060** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **82.4660, 100.4900, 62.1060**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.9170, -73.1670, -45.1590**, and **106.3630, -77.6590, -51.8590** is the 20% darker color. If you saturate the color by 10%, you get **144.4790, -107.8250, -66.8410**, and if you desaturate by 10%, it is **156.9100, -89.6250, -55.2650**.

Distribution



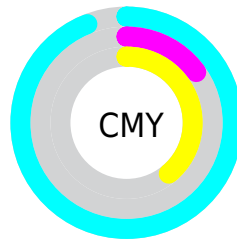
- Red (6%)
- Green (85%)
- Blue (61%)



- Red (6%)
- Yellow (53%)
- Blue (85%)



- Cyan (93%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (94%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.5340, -100.4900, -62.1060 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 149.5340, -100.4900, -62.1060 by changing the saturation by 10% instead.

■ 149.5340,
-100.4900, -62.1060

■ 149.5340,
-100.4900, -62.1060

■ 255.0000, -0.0000,
-0.0000

■ 125.6490,
-93.3840, -58.7280

■ 205.9170,
-73.1670, -45.1590

■ 106.3630,
-77.6590, -51.8590

■ 218.9760,
-62.4870, -29.4550

■ 87.6640, -62.2090,
-45.5130

■ 230.1830,
-49.4680, -17.5960

■ 69.1930, -47.4010,
-38.5450

■ 239.7510,
-30.3960, -10.8120

■ 52.0100, -33.4640,
-32.3120

■ 249.0200,
-11.9200, -4.2400

■ 34.9410, -19.8480,
-25.7680

■ 19.3710, -9.0750,

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 149.5340,
-100.4900, -62.1060

■ 149.5340,
-100.4900, -62.1060

■ 144.4790,
-107.8250, -66.8410

■ 156.9100,
-89.6250, -55.2650

■ 163.8730,
-79.0350, -48.9470

■ 171.2490,
-68.1700, -42.1060

■ 178.6250,
-57.3050, -35.2650

■ 185.5880,
-46.7150, -28.9470

■ 192.9640,
-35.8500, -22.1060

■ 200.3400,
-24.9850, -15.2650

■ 207.6020,
-13.7990, -8.7350

■ 214.6790, -3.5300,
-2.1060

Harmonies

Analogous

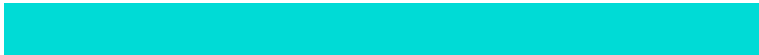
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.6870, -8.2900, -48.0180



149.5340, -100.4900, -62.1060



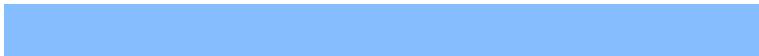
152.9490, -128.9190, -47.9830

Triad

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



149.5340, -100.4900, -62.1060



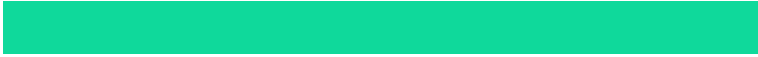
180.0790, -53.9660, 8.8660



180.5680, 71.7980, 9.3820

Complementary

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



149.5340, -100.4900, -62.1060



82.4660, 100.4900, 62.1060

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



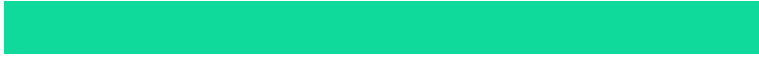
149.5340, -100.4900, -62.1060



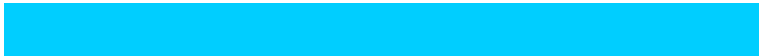
194.0860, 7.1910, 40.3990

Square

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



149.5340, -100.4900, -62.1060



149.9920, -138.5050, -28.4330



187.8250, 38.9630, 48.2990



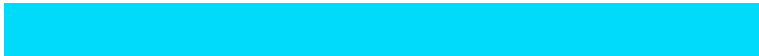
187.4810, 75.5160, -13.9560

Rectangle

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



149.5340, -100.4900, -62.1060



156.5800, -140.5210, -35.9530



187.8250, 38.9630, 48.2990



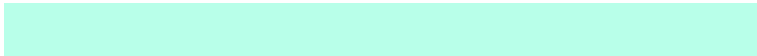
178.8700, 68.3120, 17.4960

Sweetspot

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



149.5340, -100.4900, -62.1060



231.2630, -35.2540, -21.8940



152.7100, -17.4060, -92.0780



113.2480, -21.7300, -13.6820



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.



149.5340, -100.4900, -62.1060



169.8630, -126.9420, -78.3180



134.8830, -110.2170, -23.4730



106.2550, -5.2720, -3.5760



115.2310, -86.0950, -53.1590



30.6500, -22.9220, -14.1060

Inverse Universe

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



82.4660, 100.4900, 62.1060



85.1370, 126.9420, 78.3180



97.1170, 110.2170, 23.4730



102.6310, 5.5930, 3.2650



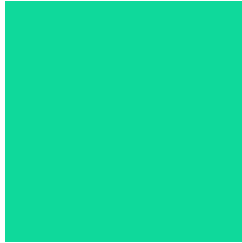
57.7690, 86.0950, 53.1590



15.3500, 22.9220, 14.1060

Previews

White Background



This preview shows how the YIQ color 149.5340, -100.4900, -62.1060 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 149.5340, -100.4900, -62.1060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

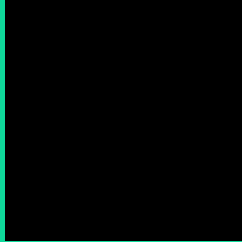
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

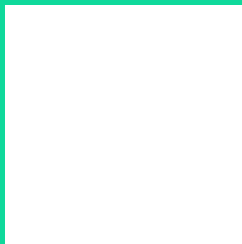
Any Text WCAG AAA ✓ Pass

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

YIQ 149.5340, -100.4900, -62.1060 Background



This preview shows how black text looks on a background with the YIQ color 149.5340, -100.4900, -62.1060.

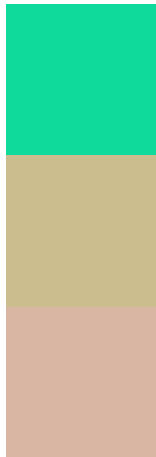


This preview shows how white text looks on a background with the YIQ color 149.5340, -100.4900, -62.1060.

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

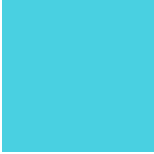
149.5340, -100.4900, -62.1060

Protanopia

187.8280, 23.4310, -11.6490

Deuteranopia

190.2990, 26.9590, 1.5110



Tritanopia

169.5730, -85.9170, -23.3330

Trichromacy



Original Color

149.5340, -100.4900, -62.1060



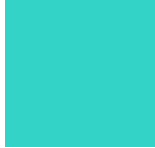
Protanomaly

173.9360, -21.4520, -29.7400



Deuteranomaly

175.4620, -19.7570, -21.9090



Tritanomaly

162.2050, -91.2330, -37.1290

Monochromacy



Original Color

149.5340, -100.4900, -62.1060



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

149.6650, -36.4460, -22.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.5340, -100.4900, -62.1060 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(15, 217, 155)` looks like.

```
.text, #text, p{  
    color:rgb(15, 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(15, 217, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 217, 155) }
```

Border

The CSS property to change the border of an element to YIQ 149.5340, -100.4900, -62.1060 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(15, 217, 155) }
```


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

```
.border{ border-color:rgb(15, 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(15, 217, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 217, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 217, 155);  
box-shadow:4px 4px 4px 4px rgb(15, 217,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 149.5340, -100.4900, -62.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 217, 155) }
```

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

```
.background{ background-color: rgb(15, 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](#).

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