

Converting Colors

YIQ(142.7740, -101.4060,
-67.5340)

Have a look what the booklet for
YIQ(142.7740, -101.4060, -67.5340)
contains.

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Color

**YIQ(142.7740, -101.4060,
-67.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	04D68C
RGB	4, 214, 140
RGB Percent	2%, 84%, 55%
CMY	0.9848, 0.1604, 0.4513
CMYK	0.98, 0.00, 0.35, 0.16
HSL	159°, 96%, 43%
HSV	159°, 98%, 84%
XYZ	28.8443, 50.0535, 32.9180
YIQ	142.7740, -101.4060, -67.5340

Conversions

Conversions Part 2

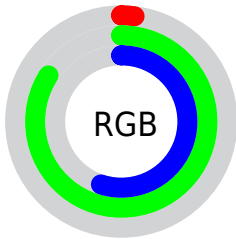
Format	Color
RYB	4, 131, 214
Decimal	317068
CIELab	76.10, -60.99, 24.57
CIELCh	76, 65.750, 158.061
Yxy	50.0535, 0.2580, 0.4476
Android (android.graphics.Color)	4278507148 (0xFF04D68C)
YUV	142.7740, -1.3676, -121.7048
Hunter-Lab	70.7485, -51.0350, 21.9374

Details

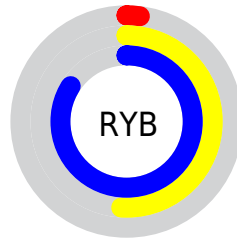
The YIQ color **142.7740, -101.4060, -67.5340** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **75.2260, 101.4060, 67.5340**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1960, -69.8190, -50.7710**, and **102.8920, -72.0190, -54.9550** is the 20% darker color. If you saturate the color by 10%, you get **141.4640, -103.4690, -68.6930**, and if you desaturate by 10%, it is **149.8510, -91.1370, -60.9050**.

Distribution



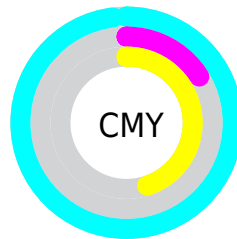
- Red (2%)
- Green (84%)
- Blue (55%)



- Red (2%)
- Yellow (51%)
- Blue (84%)



- Cyan (98%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)



- Cyan (98%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.7740, -101.4060, -67.5340 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 142.7740, -101.4060, -67.5340 by changing the saturation by 10% instead.

■ 142.7740,
-101.4060, -67.5340

■ 142.7740,
-101.4060, -67.5340

■ 255.0000, -0.0000,
-0.0000

■ 122.1780,
-87.7440, -61.8240

■ 203.1960,
-69.8190, -50.7710

■ 102.8920,
-72.0190, -54.9550

■ 216.2550,
-59.1390, -35.0670

■ 84.3070, -56.8900,
-48.2980

■ 228.8300,
-49.9720, -19.4760

■ 65.8360, -42.0820,
-41.3300

■ 238.8540,
-32.1840, -11.4480

■ 48.6530, -28.1450,
-35.0970

■ 248.1230,
-13.7080, -4.8760

■ 32.2850, -15.1250,
-28.7650

■ 17.6100, -8.2500,

-15.6900

■ 0.0000, 0.0000,
0.0000

■ 142.7740,
-101.4060, -67.5340

■ 142.7740,
-101.4060, -67.5340

■ 141.4640,
-103.4690, -68.6930

■ 149.8510,
-91.1370, -60.9050

■ 157.3410,
-80.5930, -53.7530

■ 164.5320,
-70.6450, -46.8130

■ 171.9080,
-59.7800, -39.9720

■ 179.0990,
-49.8320, -33.0320

■ 186.1760,
-39.5630, -26.4030

■ 193.6660,
-29.0190, -19.2510

■ 200.7430,
-18.7500, -12.6220

■ 208.2330, -8.2060,
-5.4700

Harmonies

Analogous

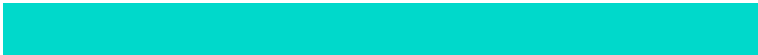
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.9990, -0.5410, -50.7890



142.7740, -101.4060, -67.5340



150.5210, -124.8380, -50.3580

Triad

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



142.7740, -101.4060, -67.5340



169.0160, -76.0180, 1.0220



174.5840, 74.8690, 14.3010

Complementary

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



142.7740, -101.4060, -67.5340



75.2260, 101.4060, 67.5340

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.



173.5650, 59.8260, 39.1380



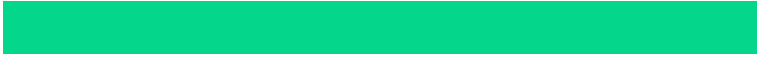
142.7740, -101.4060, -67.5340



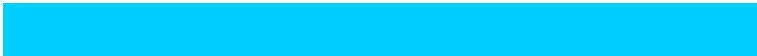
189.3130, -0.8780, 37.9540

Square

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



142.7740, -101.4060, -67.5340



149.9920, -138.5050, -28.4330



185.6880, 38.0910, 53.0910



183.0690, 82.6680, -11.4120

Rectangle

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



142.7740, -101.4060, -67.5340



155.0810, -137.6780, -37.9180



185.6880, 38.0910, 53.0910



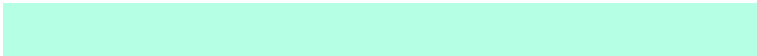
173.1140, 70.7410, 23.0370

Sweetspot

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



142.7740, -101.4060, -67.5340



229.9100, -35.7580, -23.7740



150.2930, -11.8580, -93.5060



112.7210, -21.6840, -14.5160



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.



142.7740, -101.4060, -67.5340



168.4950, -123.0900, -82.0500



134.7740, -117.4600, -29.8760



103.2550, -5.2720, -3.5760



113.0310, -82.6560, -54.9120



28.4330, -20.8130, -13.7810

Inverse Universe

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



75.2260, 101.4060, 67.5340



86.5050, 123.0900, 82.0500



83.2260, 117.4600, 29.8760



99.7450, 5.2720, 3.5760



57.9690, 82.6560, 54.9120



14.5670, 20.8130, 13.7810

Previews

White Background



This preview shows how the YIQ color 142.7740, -101.4060, -67.5340 looks on a white background.

Color Contrast Check

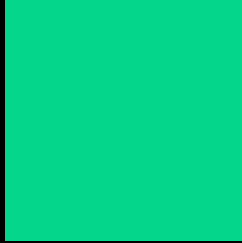
Large Text (above 18pt) WCAG AA × Fail

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 142.7740, -101.4060, -67.5340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

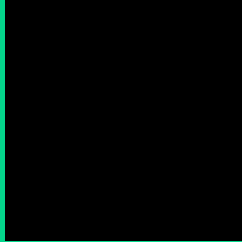
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

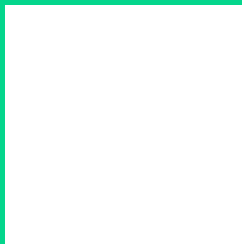
Any Text WCAG AAA ✓ Pass

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

YIQ 142.7740, -101.4060, -67.5340 Background



This preview shows how black text looks on a background with the YIQ color 142.7740, -101.4060, -67.5340.

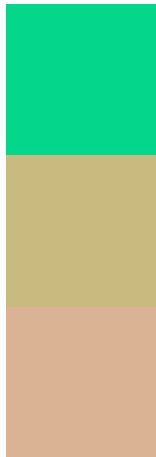


This preview shows how white text looks on a background with the YIQ color 142.7740, -101.4060, -67.5340.

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

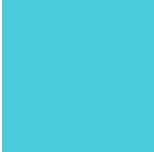
142.7740, -101.4060, -67.5340

Protanopia

183.8730, 27.5580, -14.8580

Deuteranopia

186.8280, 32.5990, -1.5850



Tritanopia

167.3670, -82.3410, -22.0610

Trichromacy



Original Color

142.7740, -101.4060, -67.5340



Protanomaly

168.6710, -19.3880, -34.1080



Deuteranomaly

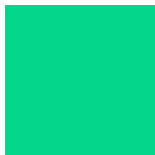
170.7950, -16.5010, -25.8530



Tritanomaly

158.6350, -89.6280, -38.6840

Monochromacy



Original Color

142.7740, -101.4060, -67.5340



Achromatopsia

143.0000, -0.0000, 0.0000



Achromatomaly

142.8990, -37.2250, -24.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.7740, -101.4060, -67.5340 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(4, 214, 140)` looks like.

```
.text, #text, p{  
    color:rgb(4, 214, 140)  
}
```

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(4, 214, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 214, 140) }
```

Border

The CSS property to change the border of an element to YIQ 142.7740, -101.4060, -67.5340 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(4, 214, 140) }
```


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

```
.border{ border-color:rgb(4, 214, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 214, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 214, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 214, 140);  
box-shadow:4px 4px 4px 4px rgb(4, 214,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 142.7740, -101.4060, -67.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 214, 140) }
```

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

```
.background{ background-color: rgb(4, 214,  
140) }
```

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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