

Converting Colors

YIQ(142.1310, -106.7250,
-64.7490)

Have a look what the booklet for
YIQ(142.1310, -106.7250, -64.7490)
contains.

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Color

**YIQ(142.1310, -106.7250,
-64.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	00D596
RGB	0, 213, 150
RGB Percent	0%, 84%, 59%
CMY	0.9999, 0.1643, 0.4121
CMYK	1.00, 0.00, 0.30, 0.16
HSL	162°, 100%, 42%
HSV	162°, 100%, 84%
XYZ	29.3141, 49.8324, 36.8874
YIQ	142.1310, -106.7250, -64.7490

Conversions

Conversions Part 2

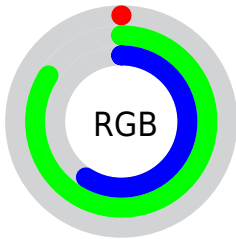
Format	Color
RYB	0, 125, 213
Decimal	54678
CIELab	75.97, -58.59, 19.14
CIELCh	76, 61.635, 161.909
Yxy	49.8324, 0.2526, 0.4295
Android (android.graphics.Color)	4278244758 (0xFF00D596)
YUV	142.1310, 3.8794, -124.6489
Hunter-Lab	70.5921, -49.4122, 18.4328

Details

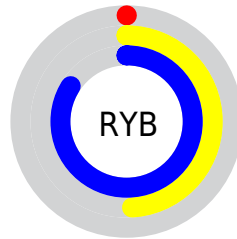
The YIQ color **142.1310, -106.7250, -64.7490** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **70.8690, 106.7250, 64.7490**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.0370, -73.6250, -47.8730**, and **103.4450, -74.9540, -51.3220** is the 20% darker color. If you saturate the color by 10%, you get **142.1310, -106.7250, -64.7490**, and if you desaturate by 10%, it is **149.0940, -96.1350, -58.4310**.

Distribution



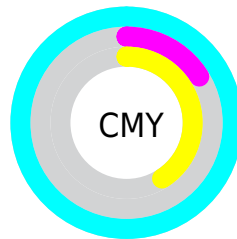
- Red (0%)
- Green (84%)
- Blue (59%)



- Red (0%)
- Yellow (49%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.1310, -106.7250, -64.7490 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 142.1310, -106.7250, -64.7490 by changing the saturation by 10% instead.

■ 142.1310,
-106.7250, -64.7490

■ 142.1310,
-106.7250, -64.7490

■ 255.0000, -0.0000,
-0.0000

■ 122.7310,
-90.6790, -58.1910

■ 204.0370,
-73.6250, -47.8730

■ 103.4450,
-74.9540, -51.3220

■ 217.0960,
-62.9450, -32.1690

■ 84.8600, -59.8250,
-44.6650

■ 229.2860,
-51.2560, -18.2320

■ 66.9760, -45.2920,
-38.2200

■ 238.5550,
-32.7800, -11.6600

■ 49.2060, -31.0800,
-31.4640

■ 247.8240,
-14.3040, -5.0880

■ 32.4960, -17.0970,
-26.0650

■ 17.0230, -7.9750,

-15.1670

■ 0.0000, 0.0000,
0.0000

■ 142.1310,
-106.7250, -64.7490

■ 149.0940,
-96.1350, -58.4310

■ 156.4700,
-85.2700, -51.5900

■ 163.4330,
-74.6800, -45.2720

■ 170.3960,
-64.0900, -38.9540

■ 177.7720,
-53.2250, -32.1130

■ 184.7350,
-42.6350, -25.7950

■ 191.6980,
-32.0450, -19.4770

■ 198.6610,
-21.4550, -13.1590

■ 206.0370,
-10.5900, -6.3180

Harmonies

Analogous

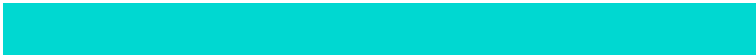
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.8720, -7.3730, -48.1170



142.1310, -106.7250, -64.7490



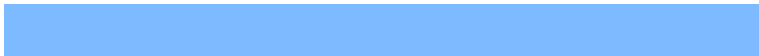
150.6180, -126.4890, -47.9690

Triad

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



142.1310, -106.7250, -64.7490



175.9260, -57.9090, 8.7390



177.2910, 74.1360, 11.0640

Complementary

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



142.1310, -106.7250, -64.7490



70.8690, 106.7250, 64.7490

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.



175.7020, 60.6980, 34.3460



142.1310, -106.7250, -64.7490



190.5310, 4.4400, 40.6960

Square

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



142.1310, -106.7250, -64.7490



148.2310, -137.6800, -26.8640



185.1350, 41.0260, 49.4580



183.4810, 75.5160, -13.9560

Rectangle

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



142.1310, -106.7250, -64.7490



153.6620, -137.8160, -35.4160



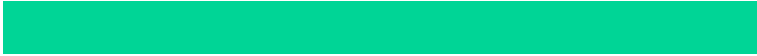
185.1350, 41.0260, 49.4580



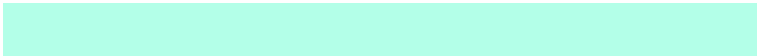
175.5930, 70.6500, 19.1780

Sweetspot

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



142.1310, -106.7250, -64.7490



229.6540, -37.9130, -23.2650



144.1670, -20.4310, -97.8310



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.



142.1310, -106.7250, -64.7490



170.0910, -127.5840, -77.6960



124.0720, -115.1230, -22.6670



103.3690, -5.5930, -3.2650



114.0570, -85.5450, -52.1130



28.6610, -21.4550, -13.1590

Inverse Universe

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



70.8690, 106.7250, 64.7490



84.9090, 127.5840, 77.6960



88.9280, 115.1230, 22.6670



99.7450, 5.2720, 3.5760



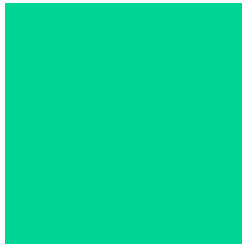
56.9430, 85.5450, 52.1130



14.3390, 21.4550, 13.1590

Previews

White Background



This preview shows how the YIQ color 142.1310, -106.7250, -64.7490 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 142.1310, -106.7250, -64.7490 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

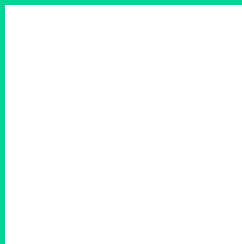
Any Text WCAG AAA ✓ Pass

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

YIQ 142.1310, -106.7250, -64.7490 Background



This preview shows how black text looks on a background with the YIQ color 142.1310, -106.7250, -64.7490.

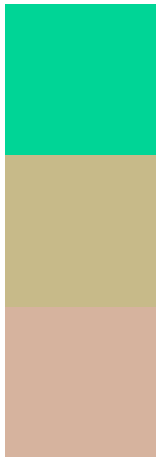


This preview shows how white text looks on a background with the YIQ color 142.1310, -106.7250, -64.7490.

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

142.1310, -106.7250, -64.7490

Protanopia

184.3010, 23.4770, -12.4830

Deuteranopia

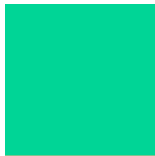
187.0710, 27.6010, 0.8890



Tritanopia

166.1710, -84.7250, -22.9090

Trichromacy



Original Color

142.1310, -106.7250, -64.7490



Protanomaly

169.2130, -23.7900, -31.4220



Deuteranomaly

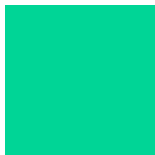
170.4510, -21.2240, -22.8560



Tritanomaly

157.1940, -92.7000, -38.0760

Monochromacy



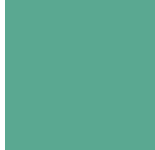
Original Color

142.1310, -106.7250, -64.7490



Achromatopsia

142.0000, -0.0000, -0.0000



Achromatomaly

142.0560, -39.1050, -23.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.1310, -106.7250, -64.7490 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 150) }
```

Border

The CSS property to change the border of an element to YIQ 142.1310, -106.7250, -64.7490 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, 150) }
```


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

```
.border{ border-color:rgb(0, 213, 150) }
```

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, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 142.1310, -106.7250, -64.7490 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, 150) }
```

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

```
.background{ background-color: rgb(0, 213,  
150) }
```

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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