

Converting Colors

YIQ(139.7830, -105.6250,
-62.6570)

Have a look what the booklet for
YIQ(139.7830, -105.6250, -62.6570)
contains.

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Color

**YIQ(139.7830, -105.6250,
-62.6570)**

Conversions

Conversions Part 1

Format	Color
Hex	00D196
RGB	0, 209, 150
RGB Percent	0%, 82%, 59%
CMY	0.9999, 0.1800, 0.4121
CMYK	1.00, 0.00, 0.28, 0.18
HSL	163°, 100%, 41%
HSV	163°, 100%, 82%
XYZ	28.3193, 47.8429, 36.5560
YIQ	139.7830, -105.6250, -62.6570

Conversions

Conversions Part 2

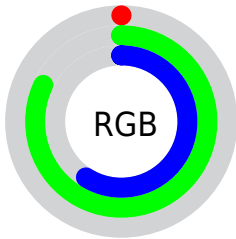
Format	Color
RYB	0, 122, 209
Decimal	53654
CIELab	74.73, -57.11, 17.42
CIELCh	75, 59.704, 163.037
Yxy	47.8429, 0.2512, 0.4244
Android (android.graphics.Color)	4278243734 (0xFF00D196)
YUV	139.7830, 5.0370, -122.5897
Hunter-Lab	69.1686, -47.9627, 17.0829

Details

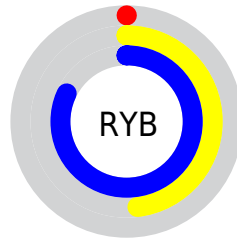
The YIQ color **139.7830, -105.6250, -62.6570** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **69.2170, 105.6250, 62.6570**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7380, -74.2210, -48.0850**, and **101.0970, -73.8540, -49.2300** is the 20% darker color. If you saturate the color by 10%, you get **139.7830, -105.6250, -62.6570**, and if you desaturate by 10%, it is **146.7460, -95.0350, -56.3390**.

Distribution



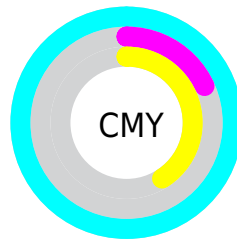
- Red (0%)
- Green (82%)
- Blue (59%)



- Red (0%)
- Yellow (48%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.7830, -105.6250, -62.6570 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 139.7830, -105.6250, -62.6570 by changing the saturation by 10% instead.

■ 139.7830,
-105.6250, -62.6570

■ 139.7830,
-105.6250, -62.6570

■ 255.0000, -0.0000,
-0.0000

■ 120.3830,
-89.5790, -56.0990

■ 203.7380,
-74.2210, -48.0850

■ 101.0970,
-73.8540, -49.2300

■ 216.7970,
-63.5410, -32.3810

■ 82.5120, -58.7250,
-42.5730

■ 228.6880,
-52.4480, -18.6560

■ 64.6280, -44.1920,
-36.1280

■ 238.2560,
-33.3760, -11.8720

■ 47.4450, -30.2550,
-29.8950

■ 247.5250,
-14.9000, -5.3000

■ 30.7350, -16.2720,
-24.4960

■ 14.6750, -6.8750,

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 139.7830,
-105.6250, -62.6570

■ 146.7460,
-95.0350, -56.3390

■ 153.7090,
-84.4450, -50.0210

■ 160.6720,
-73.8550, -43.7030

■ 167.6350,
-63.2650, -37.3850

■ 174.5980,
-52.6750, -31.0670

■ 181.1480,
-42.3600, -25.2720

■ 188.1110,
-31.7700, -18.9540

■ 195.0740,
-21.1800, -12.6360

■ 202.0370,
-10.5900, -6.3180

Harmonies

Analogous

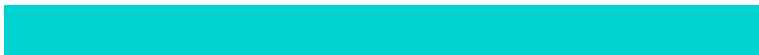
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.1430, -9.5740, -46.7740



139.7830, -105.6250, -62.6570



147.4550, -124.4720, -45.9760

Triad

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



139.7830, -105.6250, -62.6570



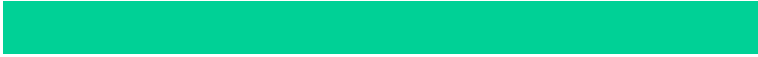
175.0730, -53.8290, 11.8910



176.3620, 75.3740, 10.6540

Complementary

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



139.7830, -105.6250, -62.6570



69.2170, 105.6250, 62.6570

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.



174.5450, 62.5780, 33.3140



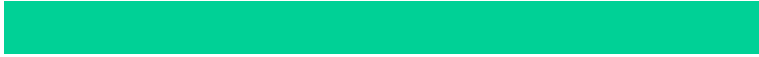
139.7830, -105.6250, -62.6570



188.4710, 4.6690, 42.0530

Square

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



139.7830, -105.6250, -62.6570



145.8830, -136.5800, -24.7720



183.1630, 43.8230, 48.3270



180.5130, 72.4900, -14.1820

Rectangle

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



139.7830, -105.6250, -62.6570



150.8580, -135.4320, -34.5680



183.1630, 43.8230, 48.3270



174.6640, 71.8880, 18.7680

Sweetspot

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



139.7830, -105.6250, -62.6570



229.7680, -38.2340, -22.9540



140.3240, -22.3110, -96.7990



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.



139.7830, -105.6250, -62.6570



170.5470, -128.8680, -76.4520



120.0940, -112.1890, -20.7730



101.3690, -5.5930, -3.2650



112.4100, -85.0410, -50.2330



27.3730, -20.5840, -12.4240

Inverse Universe

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



69.2170, 105.6250, 62.6570



84.4530, 128.8680, 76.4520



88.9060, 112.1890, 20.7730



97.6310, 5.5930, 3.2650



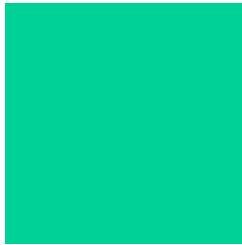
55.7040, 84.7200, 50.5440



13.6270, 20.5840, 12.4240

Previews

White Background



This preview shows how the YIQ color 139.7830, -105.6250, -62.6570 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 139.7830, -105.6250, -62.6570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

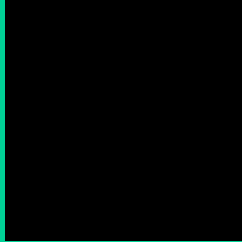
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

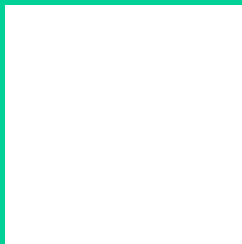
Any Text WCAG AAA ✓ Pass

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

YIQ 139.7830, -105.6250, -62.6570 Background



This preview shows how black text looks on a background with the YIQ color 139.7830, -105.6250, -62.6570.

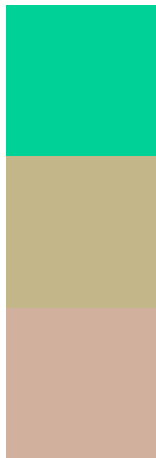


This preview shows how white text looks on a background with the YIQ color 139.7830, -105.6250, -62.6570.

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

139.7830, -105.6250, -62.6570

Protanopia

180.7570, 22.1930, -11.2390

Deuteranopia

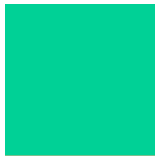
183.7010, 25.7670, 1.0870



Tritanopia

162.7690, -83.5330, -22.4850

Trichromacy



Original Color

139.7830, -105.6250, -62.6570



Protanomaly

165.9680, -24.4780, -29.9660



Deuteranomaly

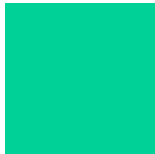
167.6790, -21.8660, -22.2340



Tritanomaly

154.3190, -91.5540, -36.8180

Monochromacy



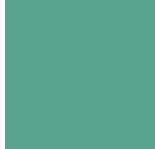
Original Color

139.7830, -105.6250, -62.6570



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

139.8820, -38.5550, -22.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.7830, -105.6250, -62.6570 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, 209, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 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, 209, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 150) }
```

Border

The CSS property to change the border of an element to YIQ 139.7830, -105.6250, -62.6570 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, 209, 150) }
```


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

```
.border{ border-color:rgb(0, 209, 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, 209, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 209,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 139.7830, -105.6250, -62.6570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 150) }
```

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

```
.background{ background-color: rgb(0, 209,  
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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