

Converting Colors

YIQ(138.0390, -103.4700,
-63.1660)

Have a look what the booklet for
YIQ(138.0390, -103.4700, -63.1660)
contains.

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Color

**YIQ(138.0390, -103.4700,
-63.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	00CF91
RGB	0, 207, 145
RGB Percent	0%, 81%, 57%
CMY	0.9999, 0.1879, 0.4317
CMYK	1.00, 0.00, 0.30, 0.19
HSL	162°, 100%, 41%
HSV	162°, 100%, 81%
XYZ	27.4376, 46.7092, 34.3204
YIQ	138.0390, -103.4700, -63.1660

Conversions

Conversions Part 2

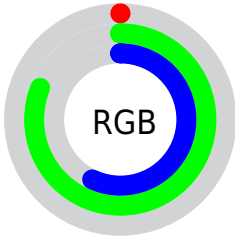
Format	Color
RYB	0, 122, 207
Decimal	53137
CIELab	74.00, -57.50, 19.07
CIELCh	74, 60.575, 161.653
Yxy	46.7092, 0.2530, 0.4306
Android (android.graphics.Color)	4278243217 (0xFF00CF91)
YUV	138.0390, 3.4318, -121.0602
Hunter-Lab	68.3441, -47.9413, 18.0673

Details

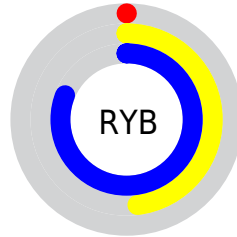
The YIQ color **138.0390, -103.4700, -63.1660** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **68.9610, 103.4700, 63.1660**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.1680, -72.6160, -49.6400**, and **99.3530, -71.6990, -49.7390** is the 20% darker color. If you saturate the color by 10%, you get **138.0390, -103.4700, -63.1660**, and if you desaturate by 10%, it is **145.0020, -92.8800, -56.8480**.

Distribution



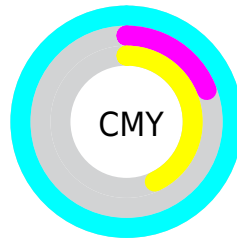
- Red (0%)
- Green (81%)
- Blue (57%)



- Red (0%)
- Yellow (48%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.0390, -103.4700, -63.1660 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 138.0390, -103.4700, -63.1660 by changing the saturation by 10% instead.

■ 138.0390,
-103.4700, -63.1660

■ 138.0390,
-103.4700, -63.1660

■ 255.0000, -0.0000,
-0.0000

■ 118.6390,
-87.4240, -56.6080

■ 203.1680,
-72.6160, -49.6400

■ 99.3530, -71.6990,
-49.7390

■ 215.9280,
-62.5320, -34.1480

■ 80.7680, -56.5700,
-43.0820

■ 228.6880,
-52.4480, -18.6560

■ 62.8840, -42.0370,
-36.6370

■ 237.9570,
-33.9720, -12.0840

■ 45.8150, -28.4210,
-30.0930

■ 247.2260,
-15.4960, -5.5120

■ 29.4640, -14.0710,
-25.8390

■ 13.5010, -6.3250,

-12.0290

■ 0.0000, 0.0000,
0.0000

■ 138.0390,
-103.4700, -63.1660

■ 145.0020,
-92.8800, -56.8480

■ 151.6660,
-82.8860, -50.7420

■ 158.7430,
-72.6170, -44.1130

■ 165.7060,
-62.0270, -37.7950

■ 172.6690,
-51.4370, -31.4770

■ 179.3330,
-41.4430, -25.3710

■ 186.2960,
-30.8530, -19.0530

■ 193.3730,
-20.5840, -12.4240

■ 200.0370,
-10.5900, -6.3180

Harmonies

Analogous

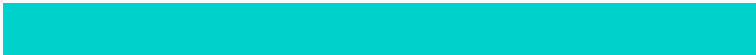
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



166.8120, -7.1440, -46.7600



138.0390, -103.4700, -63.1660



146.4120, -122.9130, -46.6970

Triad

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



138.0390, -103.4700, -63.1660



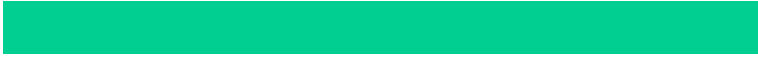
171.4960, -59.5140, 10.2940



174.6010, 76.1990, 12.2230

Complementary

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



138.0390, -103.4700, -63.1660



68.9610, 103.4700, 63.1660

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.



172.7840, 63.4030, 34.8830



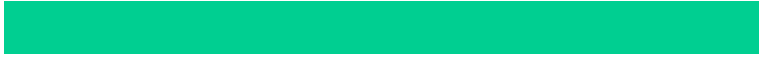
138.0390, -103.4700, -63.1660



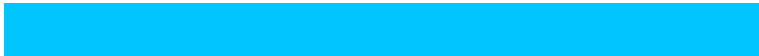
185.8020, 2.2390, 42.0390

Square

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



138.0390, -103.4700, -63.1660



144.7090, -136.0300, -23.7260



182.1030, 44.0520, 49.6840



178.4100, 74.2780, -13.5460

Rectangle

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



138.0390, -103.4700, -63.1660



149.3420, -133.9190, -34.4550



182.1030, 44.0520, 49.6840



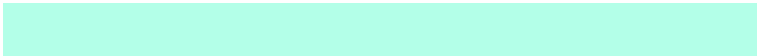
172.9030, 72.7130, 20.3370

Sweetspot

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



138.0390, -103.4700, -63.1660



229.6540, -37.9130, -23.2650



141.2430, -17.5890, -94.2690



112.6500, -22.9220, -14.1060



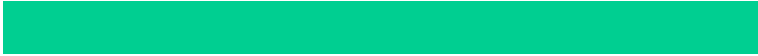
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



138.0390, -103.4700, -63.1660



169.9770, -127.2630, -78.0070



122.8010, -112.9220, -24.0100



101.2550, -5.2720, -3.5760



112.0680, -84.0780, -51.1660



27.3730, -20.5840, -12.4240

Inverse Universe

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



68.9610, 103.4700, 63.1660



85.0230, 127.2630, 78.0070



84.1990, 112.9220, 24.0100



97.6310, 5.5930, 3.2650



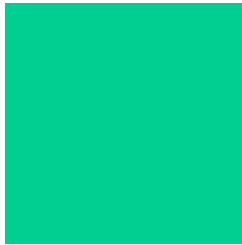
56.0460, 83.7570, 51.4770



13.6270, 20.5840, 12.4240

Previews

White Background



This preview shows how the YIQ color 138.0390, -103.4700, -63.1660 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 138.0390, -103.4700, -63.1660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

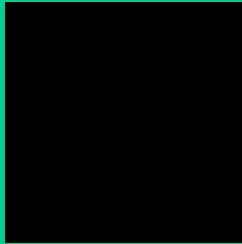
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

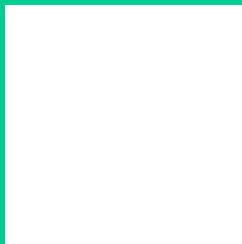
Any Text WCAG AAA ✓ Pass

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

YIQ 138.0390, -103.4700, -63.1660 Background



This preview shows how black text looks on a background with the YIQ color 138.0390, -103.4700, -63.1660.



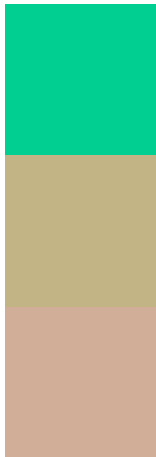
This preview shows how white text looks on a background with the YIQ color 138.0390, -103.4700, -63.1660.

-63.1660.

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

138.0390, -103.4700, -63.1660

Protanopia

178.8280, 23.4310, -11.6490

Deuteranopia

181.6580, 27.3260, 0.3660



Tritanopia

161.5520, -81.4240, -22.1600

Trichromacy



Original Color

138.0390, -103.4700, -63.1660



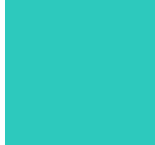
Protanomaly

163.9250, -22.9190, -30.6870



Deuteranomaly

165.6360, -20.3070, -22.9550



Tritanomaly

152.9880, -89.1240, -36.8040

Monochromacy



Original Color

138.0390, -103.4700, -63.1660



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

138.0670, -37.6380, -22.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.0390, -103.4700, -63.1660 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, 207, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 145)  
}
```

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, 207, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 145) }
```

Border

The CSS property to change the border of an element to YIQ 138.0390, -103.4700, -63.1660 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, 207, 145) }
```


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

```
.border{ border-color:rgb(0, 207, 145) }
```

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

Here you see how a box with a 4 pixel rgb(0, 207, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 207,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 138.0390, -103.4700, -63.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 145) }
```

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

```
.background{ background-color: rgb(0, 207,  
145) }
```

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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