

Converting Colors

YIQ(135.2350, -101.0860,
-62.3180)

Have a look what the booklet for
YIQ(135.2350, -101.0860, -62.3180)
contains.

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Color

**YIQ(135.2350, -101.0860,
-62.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	00CB8D
RGB	0, 203, 141
RGB Percent	0%, 80%, 55%
CMY	0.9999, 0.2036, 0.4474
CMYK	1.00, 0.00, 0.31, 0.20
HSL	162°, 100%, 40%
HSV	162°, 100%, 80%
XYZ	26.1771, 44.6725, 32.4072
YIQ	135.2350, -101.0860, -62.3180

Conversions

Conversions Part 2

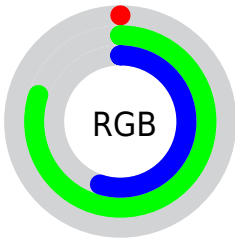
Format	Color
RYB	0, 120, 203
Decimal	52109
CIELab	72.68, -56.91, 19.36
CIELCh	73, 60.114, 161.217
Yxy	44.6725, 0.2535, 0.4326
Android (android.graphics.Color)	4278242189 (0xFF00CB8D)
YUV	135.2350, 2.8421, -118.6011
Hunter-Lab	66.8375, -47.0557, 18.0386

Details

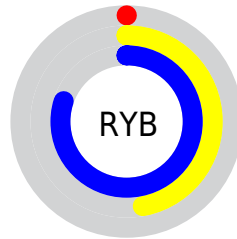
The YIQ color **135.2350, -101.0860, -62.3180** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **67.7650, 101.0860, 62.3180**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.1140, -72.5240, -51.3080**, and **96.6630, -69.6360, -48.5800** is the 20% darker color. If you saturate the color by 10%, you get **135.2350, -101.0860, -62.3180**, and if you desaturate by 10%, it is **141.8990, -91.0920, -56.2120**.

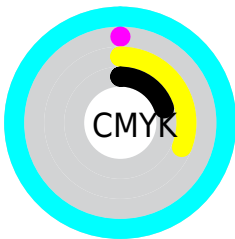
Distribution



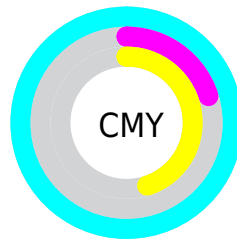
- Red (0%)
- Green (80%)
- Blue (55%)



- Red (0%)
- Yellow (47%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.2350, -101.0860, -62.3180 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 135.2350, -101.0860, -62.3180 by changing the saturation by 10% instead.

■ 135.2350,
-101.0860, -62.3180

■ 135.2350,
-101.0860, -62.3180

■ 255.0000, -0.0000,
-0.0000

■ 115.8350,
-85.0400, -55.7600

■ 202.1140,
-72.5240, -51.3080

■ 97.1360, -69.5900,
-49.4140

■ 215.1730,
-61.8440, -35.6040

■ 78.6650, -54.7820,
-42.4460

■ 227.6340,
-52.3560, -20.3240

■ 60.7810, -40.2490,
-36.0010

■ 237.3590,
-35.1640, -12.5080

■ 43.0110, -26.0370,
-29.2450

■ 246.6280,
-16.6880, -5.9360

■ 27.5890, -12.9250,
-24.5810

■ 9.9790, -4.6750,

-8.8910

■ 0.0000, 0.0000,
0.0000

■ 135.2350,
-101.0860, -62.3180

■ 141.8990,
-91.0920, -56.2120

■ 148.8620,
-80.5020, -49.8940

■ 155.6400,
-70.8290, -43.4770

■ 162.3040,
-60.8350, -37.3710

■ 169.2670,
-50.2450, -31.0530

■ 175.9310,
-40.2510, -24.9470

■ 182.5950,
-30.2570, -18.8410

■ 189.3730,
-20.5840, -12.4240

■ 196.3360, -9.9940,
-6.1060

Harmonies

Analogous

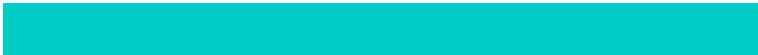
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163.4100, -5.9520, -46.3360



135.2350, -101.0860, -62.3180



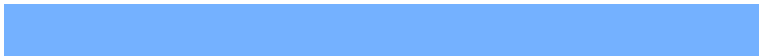
143.4940, -120.2080, -46.1600

Triad

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



135.2350, -101.0860, -62.3180



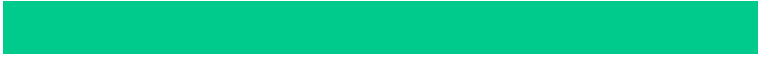
167.6530, -61.3940, 11.3260



171.9110, 78.2620, 13.3820

Complementary

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



135.2350, -101.0860, -62.3180



67.7650, 101.0860, 62.3180

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.



170.2080, 65.1450, 36.3530



135.2350, -101.0860, -62.3180



182.5460, 0.0840, 42.5480

Square

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



135.2350, -101.0860, -62.3180



142.9480, -135.2050, -22.1570



180.0000, 45.8400, 50.3200



174.6380, 73.6360, -12.9240

Rectangle

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



135.2350, -101.0860, -62.3180



146.4240, -131.2140, -33.9180



180.0000, 45.8400, 50.3200



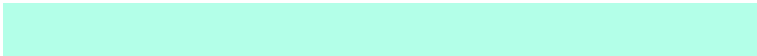
170.2130, 74.7760, 21.4960

Sweetspot

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



135.2350, -101.0860, -62.3180



229.6540, -37.9130, -23.2650



138.2970, -17.6810, -92.6010



112.5360, -22.6010, -14.4170



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.



135.2350, -101.0860, -62.3180



169.8630, -126.9420, -78.3180



120.5840, -110.8130, -23.6850



98.6680, -4.9970, -3.0530



110.5520, -82.5650, -51.0530



25.3840, -19.1170, -11.4770

Inverse Universe

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



67.7650, 101.0860, 62.3180



85.1370, 126.9420, 78.3180



82.4160, 110.8130, 23.6850



95.3320, 4.9970, 3.0530



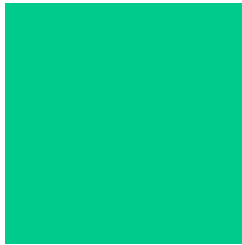
55.4480, 82.5650, 51.0530



12.7300, 18.7960, 11.7880

Previews

White Background



This preview shows how the YIQ color 135.2350, -101.0860, -62.3180 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 135.2350, -101.0860, -62.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

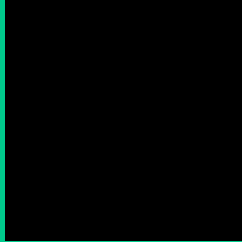
Any Text WCAG AA ✓ Pass

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 135.2350, -101.0860, -62.3180 Background



This preview shows how black text looks on a background with the YIQ color 135.2350, -101.0860, -62.3180.



This preview shows how white text looks on a background with the YIQ color 135.2350, -101.0860, -62.3180.

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

135.2350, -101.0860, -62.3180

Protanopia

175.4150, 23.1560, -12.1720

Deuteranopia

177.6580, 27.3260, 0.3660



Tritanopia

158.4490, -79.6360, -21.5240

Trichromacy



Original Color

135.2350, -101.0860, -62.3180



Protanomaly

160.5230, -21.7270, -30.2630



Deuteranomaly

162.2340, -19.1150, -22.5310



Tritanomaly

149.8850, -87.3360, -36.1680

Monochromacy



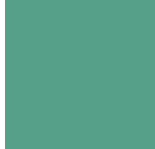
Original Color

135.2350, -101.0860, -62.3180



Achromatopsia

135.0000, -0.0000, -0.0000



Achromatomaly

135.2520, -36.7210, -22.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.2350, -101.0860, -62.3180 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, 203, 141)` looks like.

```
.text, #text, p{  
    color:rgb(0, 203, 141)  
}
```

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, 203, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 141) }
```

Border

The CSS property to change the border of an element to YIQ 135.2350, -101.0860, -62.3180 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, 203, 141) }
```


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

```
.border{ border-color:rgb(0, 203, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 203, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 203, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 203, 141);  
box-shadow:4px 4px 4px 4px rgb(0, 203,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 135.2350, -101.0860, -62.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 203, 141) }
```

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

```
.background{ background-color: rgb(0, 203,  
141) }
```

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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