

Converting Colors

YIQ(136.4400, -102.9210,
-56.5930)

Have a look what the booklet for
YIQ(136.4400, -102.9210, -56.5930)
contains.

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Color

**YIQ(136.4400, -102.9210,
-56.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	03C99A
RGB	3, 201, 154
RGB Percent	1%, 79%, 60%
CMY	0.9886, 0.2114, 0.3964
CMYK	0.99, 0.00, 0.23, 0.21
HSL	166°, 97%, 40%
HSV	166°, 99%, 79%
XYZ	26.7668, 44.1605, 37.6435
YIQ	136.4400, -102.9210, -56.5930

Conversions

Conversions Part 2

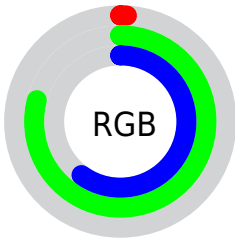
Format	Color
RYB	3, 115, 201
Decimal	248218
CIELab	72.34, -53.02, 11.93
CIELCh	72, 54.348, 167.316
Yxy	44.1605, 0.2465, 0.4067
Android (android.graphics.Color)	4278438298 (0xFF03C99A)
YUV	136.4400, 8.6571, -117.0269
Hunter-Lab	66.4534, -44.3953, 12.9317

Details

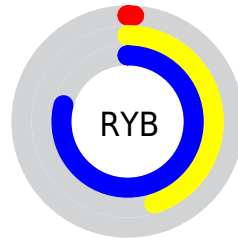
The YIQ color **136.4400, -102.9210, -56.5930** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **67.5600, 102.9210, 56.5930**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **203.8950, -76.1010, -47.0530**, and **97.4440, -73.2130, -44.3250** is the 20% darker color. If you saturate the color by 10%, you get **135.4290, -104.3880, -57.5400**, and if you desaturate by 10%, it is **142.9900, -92.6060, -50.7980**.

Distribution



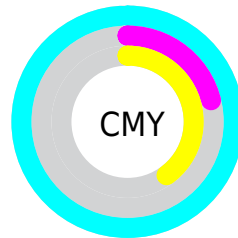
- Red (1%)
- Green (79%)
- Blue (60%)



- Red (1%)
- Yellow (45%)
- Blue (79%)



- Cyan (99%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)



- Cyan (99%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.4400, -102.9210, -56.5930 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 136.4400, -102.9210, -56.5930 by changing the saturation by 10% instead.

■ 136.4400,
-102.9210, -56.5930

■ 136.4400,
-102.9210, -56.5930

■ 255.0000, -0.0000,
-0.0000

■ 116.1430,
-88.6630, -50.6710

■ 203.8950,
-76.1010, -47.0530

■ 97.4440, -73.2130,
-44.3250

■ 216.7690,
-66.3380, -31.2500

■ 78.8590, -58.0840,
-37.6680

■ 228.0900,
-53.6400, -19.0800

■ 60.9750, -43.5510,
-31.2230

■ 237.3590,
-35.1640, -12.5080

■ 43.7920, -29.6140,
-24.9900

■ 246.6280,
-16.6880, -5.9360

■ 28.4840, -16.8230,
-20.0150

■ 8.8050, -4.1250,

-7.8450

■ 0.0000, 0.0000,
0.0000

■ 136.4400,
-102.9210, -56.5930

■ 136.4400,
-102.9210, -56.5930

■ 135.4290,
-104.3880, -57.5400

■ 142.9900,
-92.6060, -50.7980

■ 149.4260,
-81.9700, -45.3140

■ 155.9760,
-71.6550, -39.5190

■ 162.5260,
-61.3400, -33.7240

■ 169.0760,
-51.0250, -27.9290

■ 175.9250,
-40.1140, -21.9220

■ 182.3610,
-29.4780, -16.4380

■ 188.9110,
-19.1630, -10.6430

■ 195.4610, -8.8480,
-4.8480

Harmonies

Analogous

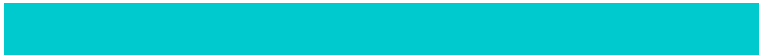
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162.8420, -15.8560, -43.0560



136.4400, -102.9210, -56.5930



141.9440, -121.3550, -41.8910

Triad

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



136.4400, -102.9210, -56.5930



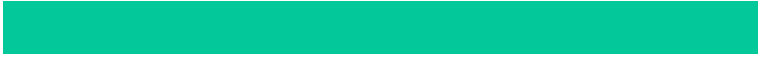
173.9760, -43.0100, 19.5660



175.7920, 76.9790, 9.0990

Complementary

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



136.4400, -102.9210, -56.5930



67.5600, 102.9210, 56.5930

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.



173.1770, 66.4300, 29.5820



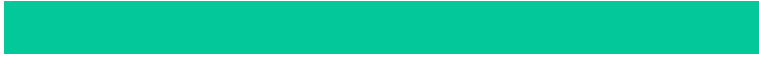
136.4400, -102.9210, -56.5930



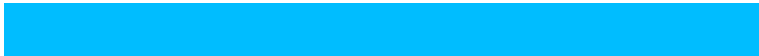
182.6240, 8.6120, 42.1800

Square

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



136.4400, -102.9210, -56.5930



140.0130, -133.8300, -19.5420



179.5780, 49.7840, 44.9200



173.8970, 62.5410, -15.5950

Rectangle

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



136.4400, -102.9210, -56.5930



144.8910, -131.0310, -31.7270



179.5780, 49.7840, 44.9200



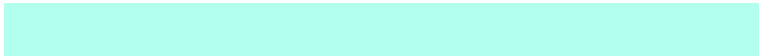
173.8660, 74.1350, 16.5910

Sweetspot

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



136.4400, -102.9210, -56.5930



230.2240, -39.5180, -21.7100



133.8770, -25.2460, -93.1660



112.9920, -23.8850, -13.1730



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.



136.4400, -102.9210, -56.5930



171.8010, -132.3990, -73.0310



113.0350, -104.5330, -16.3490



96.0810, -4.7220, -2.5300



109.8170, -84.6290, -46.6850



24.2100, -18.5670, -10.4310

Inverse Universe

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



67.5600, 102.9210, 56.5930



83.1990, 132.3990, 73.0310



90.9650, 104.5330, 16.3490



92.9190, 4.7220, 2.5300



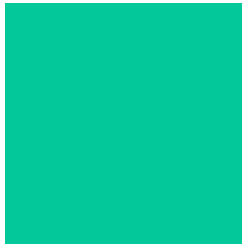
53.1830, 84.6290, 46.6850



11.6760, 18.8880, 10.1200

Previews

White Background



This preview shows how the YIQ color 136.4400, -102.9210, -56.5930 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 136.4400, -102.9210, -56.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

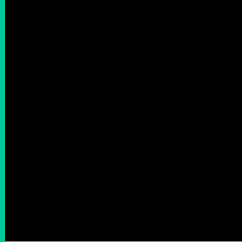
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

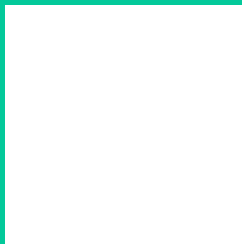
Any Text WCAG AAA ✓ Pass

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

YIQ 136.4400, -102.9210, -56.5930 Background



This preview shows how black text looks on a background with the YIQ color 136.4400, -102.9210, -56.5930.



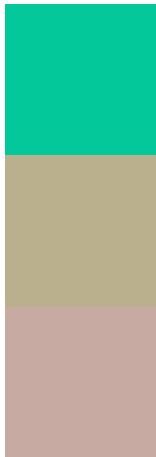
This preview shows how white text looks on a background with the YIQ color 136.4400, -102.9210, -56.5930.

-56.5930.

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

136.4400, -102.9210, -56.5930

Protanopia

175.2990, 17.7910, -8.5530

Deuteranopia

177.6450, 20.1730, 3.3490



Tritanopia

156.5410, -82.8910, -23.1070

Trichromacy



Original Color

136.4400, -102.9210, -56.5930



Protanomaly

161.1190, -26.2210, -25.9090



Deuteranomaly

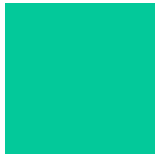
162.5310, -24.2050, -18.3890



Tritanomaly

149.4440, -90.4080, -35.5600

Monochromacy



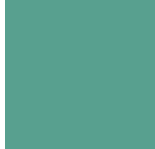
Original Color

136.4400, -102.9210, -56.5930



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

136.5340, -37.4550, -20.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.4400, -102.9210, -56.5930 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(3, 201, 154)` looks like.

```
.text, #text, p{  
    color:rgb(3, 201, 154)  
}
```

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(3, 201, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 201, 154) }
```

Border

The CSS property to change the border of an element to YIQ 136.4400, -102.9210, -56.5930 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(3, 201, 154) }
```


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

```
.border{ border-color:rgb(3, 201, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 201, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 201, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 201, 154);  
box-shadow:4px 4px 4px 4px rgb(3, 201,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 136.4400, -102.9210, -56.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 201, 154) }
```

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

```
.background{ background-color: rgb(3, 201,  
154) }
```

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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