

Converting Colors

YIQ(136.6720, -92.1910,
-63.8310)

Have a look what the booklet for
YIQ(136.6720, -92.1910, -63.8310)
contains.

| | |
|--|----|
| YIQ(136.6720, -92.1910, -63.8310) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(136.6720, -92.1910,
-63.8310)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 09CB82 |
| RGB | 9, 203, 130 |
| RGB Percent | 4%, 80%, 51% |
| CMY | 0.9651, 0.2036, 0.4905 |
| CMYK | 0.96, 0.00, 0.36, 0.20 |
| HSL | 157°, 92%, 42% |
| HSV | 157°, 96%, 80% |
| XYZ | 25.5102, 44.4171, 28.3202 |
| YIQ | 136.6720, -92.1910, -63.8310 |

Conversions

Conversions Part 2

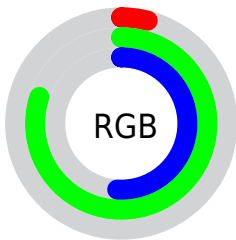
| Format | Color |
|-------------------------------------|--|
| RYB | 9, 128, 203 |
| Decimal | 641922 |
| CIELab | 72.51, -58.97, 24.93 |
| CIELCh | 73, 64.023, 157.082 |
| Yxy | 44.4171, 0.2597, 0.4521 |
| Android (android.graphics.Color) | 4278832002 (0xFF09CB82) |
| YUV | 136.6720, -3.2893, -111.9683 |
| Hunter-Lab | 66.6462, -48.3064, 21.4580 |

Details

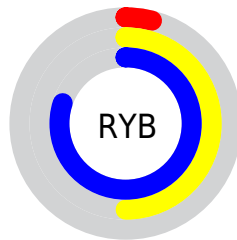
The YIQ color **136.6720, -92.1910, -63.8310** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **75.3280, 92.1910, 63.8310**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3440, -67.4800, -54.6160**, and **95.4090, -66.1050, -52.0010** is the 20% darker color. If you saturate the color by 10%, you get **133.6390, -96.5920, -66.6720**, and if you desaturate by 10%, it is **143.5640, -82.8390, -57.1030**.

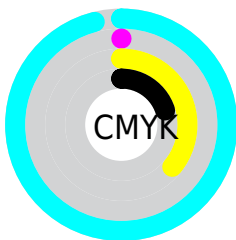
Distribution



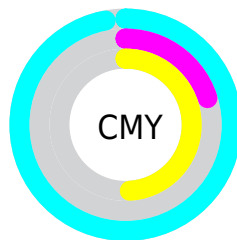
- Red (4%)
- Green (80%)
- Blue (51%)



- Red (4%)
- Yellow (50%)
- Blue (80%)



- Cyan (96%)
- Magenta (0%)
- Yellow (36%)
- Black (20%)



- Cyan (97%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.6720, -92.1910, -63.8310 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 136.6720, -92.1910, -63.8310 by changing the saturation by 10% instead.

■ 136.6720,
-92.1910, -63.8310

■ 136.6720,
-92.1910, -63.8310

■ 255.0000, -0.0000,
-0.0000

■ 114.5810,
-81.5090, -59.1810

■ 201.3440,
-67.4800, -54.6160

■ 95.4090, -66.1050,
-52.0010

■ 214.1040,
-57.3960, -39.1240

■ 77.4110, -51.2510,
-45.8670

■ 226.6790,
-48.2290, -23.5330

■ 59.6410, -37.0390,
-39.1110

■ 237.6580,
-34.5680, -12.2960

■ 41.7570, -22.5060,
-32.6660

■ 246.9270,
-16.0920, -5.7240

■ 27.0020, -12.6500,
-24.0580

■ 9.3920, -4.4000,

-8.3680

■ 0.0000, 0.0000,
0.0000

■ 136.6720,
-92.1910, -63.8310

■ 136.6720,
-92.1910, -63.8310

■ 133.6390,
-96.5920, -66.6720

■ 143.5640,
-82.8390, -57.1030

■ 150.6410,
-72.5700, -50.4740

■ 157.5330,
-63.2180, -43.7460

■ 164.4250,
-53.8660, -37.0180

■ 171.2030,
-44.1930, -30.6010

■ 178.3940,
-34.2450, -23.6610

■ 185.1720,
-24.5720, -17.2440

■ 192.0640,
-15.2200, -10.5160

■ 199.2550, -5.2720,
-3.5760

Harmonies

Analogous

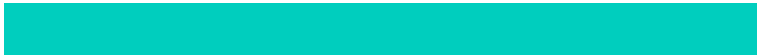
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162.8360, 1.4760, -48.7960



136.6720, -92.1910, -63.8310



142.5820, -117.6400, -48.6480

Triad

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



136.6720, -92.1910, -63.8310



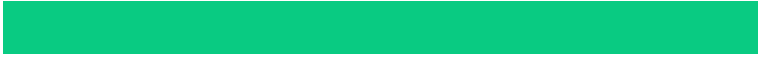
159.5470, -81.8870, 2.7610



168.6170, 79.2700, 17.1420

Complementary

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



136.6720, -92.1910, -63.8310



75.3280, 92.1910, 63.8310

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.



167.9570, 64.5940, 40.8340



136.6720, -92.1910, -63.8310



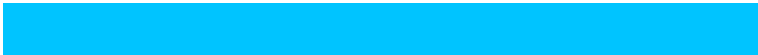
180.1430, -6.1510, 39.9050

Square

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



136.6720, -92.1910, -63.8310



144.1220, -135.7550, -23.2030



179.9660, 43.1800, 54.4760



173.6390, 81.0630, -9.8570

Rectangle

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



136.6720, -92.1910, -63.8310



147.1420, -130.4800, -36.2080



179.9660, 43.1800, 54.4760



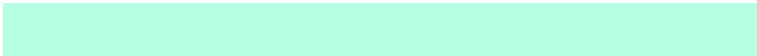
167.1470, 75.1420, 25.8780

Sweetspot

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



136.6720, -92.1910, -63.8310



229.6820, -35.1160, -24.3960



145.0040, -9.2460, -85.7740



112.6070, -21.3630, -14.8270



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.



136.6720, -92.1910, -63.8310



167.8110, -121.1640, -83.9160



131.4930, -109.2990, -29.0990



98.5540, -4.6760, -3.3640



109.1840, -78.7130, -54.7850



25.0420, -18.1540, -12.4100

Inverse Universe

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



75.3280, 92.1910, 63.8310



87.1890, 121.1640, 83.9160



80.5070, 109.2990, 29.0990



95.4460, 4.6760, 3.3640



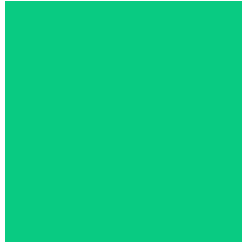
56.7020, 79.0340, 54.4740



12.9580, 18.1540, 12.4100

Previews

White Background



This preview shows how the YIQ color 136.6720, -92.1910, -63.8310 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 136.6720, -92.1910, -63.8310 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 136.6720, -92.1910, -63.8310 Background



This preview shows how black text looks on a background with the YIQ color 136.6720, -92.1910, -63.8310.



This preview shows how white text looks on a background with the YIQ color 136.6720, -92.1910, -63.8310.

-63.8310.

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

136.6720, -92.1910, -63.8310

Protanopia

173.9870, 27.2370, -14.5470

Deuteranopia

176.5290, 32.0030, -1.7970



Tritanopia

158.6450, -77.2520, -20.6760

Trichromacy



Original Color

136.6720, -92.1910, -63.8310



Protanomaly

160.5790, -16.1330, -32.5250



Deuteranomaly

161.7030, -13.2460, -24.2700



Tritanomaly

150.8100, -82.7510, -36.6630

Monochromacy



Original Color

136.6720, -92.1910, -63.8310



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

136.6930, -33.6490, -23.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6720, -92.1910, -63.8310 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(9, 203, 130)` looks like.

```
.text, #text, p{  
    color:rgb(9, 203, 130)  
}
```

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(9, 203, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 203, 130) }
```

Border

The CSS property to change the border of an element to YIQ 136.6720, -92.1910, -63.8310 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(9, 203, 130) }
```


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

```
.border{ border-color:rgb(9, 203, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 203, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 203, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 203, 130);  
box-shadow:4px 4px 4px 4px rgb(9, 203,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6720, -92.1910, -63.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 203, 130) }
```

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

```
.background{ background-color: rgb(9, 203,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor