

Converting Colors

YIQ(109.6120, -90.8210,
-33.5810)

Have a look what the booklet for
YIQ(109.6120, -90.8210, -33.5810)
contains.

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Color

**YIQ(109.6120, -90.8210,
-33.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	029C99
RGB	2, 156, 153
RGB Percent	1%, 61%, 60%
CMY	0.9924, 0.3880, 0.4004
CMYK	0.99, 0.00, 0.02, 0.39
HSL	179°, 98%, 31%
HSV	179°, 99%, 61%
XYZ	17.6654, 26.1079, 34.2057
YIQ	109.6120, -90.8210, -33.5810

Conversions

Conversions Part 2

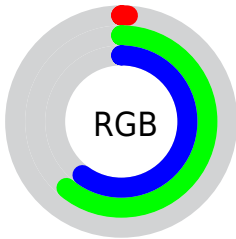
Format	Color
RYB	2, 80, 156
Decimal	171161
CIELab	58.14, -34.22, -8.13
CIELCh	58, 35.177, 193.368
Yxy	26.1079, 0.2265, 0.3348
Android (android.graphics.Color)	4278361241 (0xFF029C99)
YUV	109.6120, 21.3903, -94.3757
Hunter-Lab	51.0958, -27.7047, -3.9241

Details

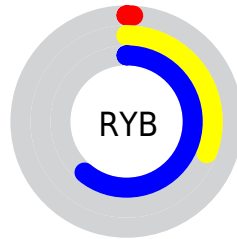
The YIQ color **109.6120, -90.8210, -33.5810** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **48.3880, 90.8210, 33.5810**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9630, -69.6400, -26.4720**, and **72.6760, -61.3420, -22.6700** is the 20% darker color. If you saturate the color by 10%, you get **109.0140, -92.0130, -34.0050**, and if you desaturate by 10%, it is **114.3960, -81.2850, -30.1890**.

Distribution



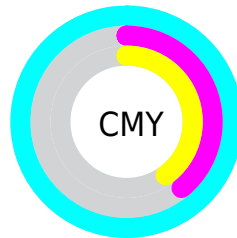
- Red (1%)
- Green (61%)
- Blue (60%)



- Red (1%)
- Yellow (31%)
- Blue (61%)



- Cyan (99%)
- Magenta (0%)
- Yellow (2%)
- Black (39%)



- Cyan (99%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.6120, -90.8210, -33.5810 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 109.6120, -90.8210, -33.5810 by changing the saturation by 10% instead.

■ 109.6120,
-90.8210, -33.5810

■ 109.6120,
-90.8210, -33.5810

■ 255.0000, -0.0000,
-0.0000

■ 90.7880, -76.5170,
-28.4930

■ 174.9630,
-69.6400, -26.4720

■ 72.6760, -61.3420,
-22.6700

■ 204.1480,
-68.7230, -26.5710

■ 55.2650, -46.7630,
-17.0590

■ 224.2030,
-61.3880, -21.8360

■ 39.1420, -33.0550,
-12.1830

■ 233.1730,
-43.5080, -15.4760

■ 25.0080, -20.8140,
-8.2540

■ 242.1430,
-25.6280, -9.1160

■ 1.3680, -3.8520,
3.7320

■ 251.1130, -7.7480,

■ 0.0000, 0.0000,

-2.7560

0.0000

■ 109.6120,
-90.8210, -33.5810

■ 109.6120,
-90.8210, -33.5810

■ 109.0140,
-92.0130, -34.0050

■ 114.3960,
-81.2850, -30.1890

■ 118.9950,
-72.6660, -26.6980

■ 123.7790,
-63.1300, -23.3060

■ 128.2640,
-54.1900, -20.1260

■ 133.1620,
-44.9750, -16.4230

■ 137.9460,
-35.4390, -13.0310

■ 142.4310,
-26.4990, -9.8510

■ 147.2150,
-16.9630, -6.4590

■ 151.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



126.0080, -39.1500, -28.3820



109.6120, -90.8210, -33.5810



111.0320, -100.4510, -24.2510

Triad

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



109.6120, -90.8210, -33.5810



143.7780, 1.6460, 25.2460



138.7440, 41.4030, -6.9570

Complementary

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



109.6120, -90.8210, -33.5810



48.3880, 90.8210, 33.5810

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.



140.6070, 49.6990, 7.8990



109.6120, -90.8210, -33.5810



143.7890, 29.4760, 27.4920

Square

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



109.6120, -90.8210, -33.5810



138.6750, -32.0970, 14.5190



142.0710, 45.9370, 21.0170



136.0140, 22.6070, -18.7450

Rectangle

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



109.6120, -90.8210, -33.5810



120.0330, -83.8560, -11.1200



142.0710, 45.9370, 21.0170



139.2440, 45.9870, -1.9250

Sweetspot

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



109.6120, -90.8210, -33.5810



185.6470, -36.0350, -13.2430



93.8930, -39.3700, -79.4820



90.8230, -21.7310, -8.1550



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



109.6120, -90.8210, -33.5810



142.5480, -120.3000, -44.4920



67.6900, -71.9840, 5.0080



76.6080, -4.7680, -1.6960



99.9010, -84.2650, -31.2490



10.5150, -8.9400, -3.1800

Inverse Universe

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



48.3880, 90.8210, 33.5810



61.4520, 120.3000, 44.4920



90.3100, 71.9840, -5.0080



73.3920, 4.7680, 1.6960



43.0990, 84.2650, 31.2490



4.4850, 8.9400, 3.1800

Previews

White Background



This preview shows how the YIQ color 109.6120, -90.8210, -33.5810 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 109.6120, -90.8210, -33.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

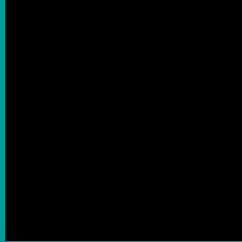
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 109.6120, -90.8210, -33.5810 Background



This preview shows how black text looks on a background with the YIQ color 109.6120, -90.8210, -33.5810.

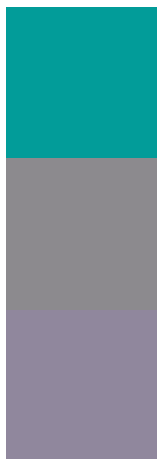


This preview shows how white text looks on a background with the YIQ color 109.6120, -90.8210, -33.5810.

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

109.6120, -90.8210, -33.5810

Protanopia

139.0540, -0.0920, 1.6680

Deuteranopia

140.1990, -1.6980, 8.7500



Tritanopia

118.7050, -77.4810, -22.0330

Trichromacy



Original Color

109.6120, -90.8210, -33.5810

Protanomaly

128.6690, -33.1010, -11.3490

Deuteranomaly

129.2330, -34.5690, -6.7690

Tritanomaly

115.4330, -82.7070, -26.4430

Monochromacy



Original Color

109.6120, -90.8210, -33.5810

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1420, -33.0550, -12.1830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.6120, -90.8210, -33.5810 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(2, 156, 153)` looks like.

```
.text, #text, p{  
    color:rgb(2, 156, 153)  
}
```

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(2, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 156, 153) }
```

Border

The CSS property to change the border of an element to YIQ 109.6120, -90.8210, -33.5810 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(2, 156, 153) }
```


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

```
.border{ border-color:rgb(2, 156, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 156, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(2, 156,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 109.6120, -90.8210, -33.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 156, 153) }
```

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

```
.background{ background-color: rgb(2, 156,  
153) }
```

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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