

Converting Colors

YIQ(129.3260, -84.2640,
-36.7760)

Have a look what the booklet for
YIQ(129.3260, -84.2640, -36.7760)
contains.

YIQ(129.3260, -84.2640, -36.7760)	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(129.3260, -84.2640,
-36.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	1AB0A0
RGB	26, 176, 160
RGB Percent	10%, 69%, 63%
CMY	0.8984, 0.3095, 0.3729
CMYK	0.85, 0.00, 0.09, 0.31
HSL	174°, 74%, 40%
HSV	174°, 85%, 69%
XYZ	22.2993, 33.8290, 38.5744
YIQ	129.3260, -84.2640, -36.7760

Conversions

Conversions Part 2

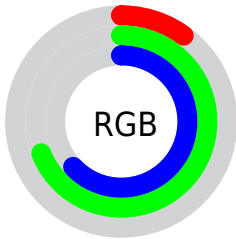
Format	Color
RYB	26, 105, 176
Decimal	1749152
CIELab	64.83, -40.01, -2.16
CIELCh	65, 40.068, 183.092
Yxy	33.8290, 0.2355, 0.3572
Android (android.graphics.Color)	4279939232 (0xFF1AB0A0)
YUV	129.3260, 15.1223, -90.6169
Hunter-Lab	58.1627, -33.3486, 1.3918

Details

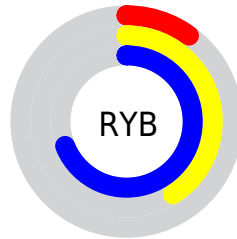
The YIQ color **129.3260, -84.2640, -36.7760** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **72.6740, 84.2640, 36.7760**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4910, -71.4270, -32.6350**, and **84.6270, -68.8140, -30.4300** is the 20% darker color. If you saturate the color by 10%, you get **123.7160, -94.3500, -41.2140**, and if you desaturate by 10%, it is **134.9360, -74.1780, -32.3380**.

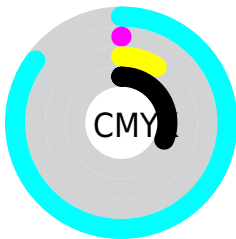
Distribution



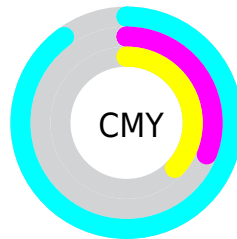
- Red (10%)
- Green (69%)
- Blue (63%)



- Red (10%)
- Yellow (41%)
- Blue (69%)



- Cyan (85%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)



- Cyan (90%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.3260, -84.2640, -36.7760 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 129.3260, -84.2640, -36.7760 by changing the saturation by 10% instead.

■ 129.3260,
-84.2640, -36.7760

■ 129.3260,
-84.2640, -36.7760

■ 255.0000, -0.0000,
-0.0000

■ 102.7390,
-83.9890, -36.2530

■ 191.4910,
-71.4270, -32.6350

■ 84.6270, -68.8140,
-30.4300

■ 217.1540,
-68.8600, -29.5960

■ 66.5150, -53.6390,
-24.6070

■ 227.4920,
-54.8320, -19.5040

■ 49.2180, -39.3810,
-18.6850

■ 236.7610,
-36.3560, -12.9320

■ 33.3230, -26.3150,
-13.1870

■ 245.7310,
-18.4760, -6.5720

■ 17.4280, -13.2490,
-7.6890

254.7010, -0.5960,

■ 0.0000, 0.0000,

-0.2120

0.0000

■ 129.3260,
-84.2640, -36.7760

■ 129.3260,
-84.2640, -36.7760

■ 123.7160,
-94.3500, -41.2140

■ 134.9360,
-74.1780, -32.3380

■ 121.2100,
-98.7970, -43.2210

■ 140.2470,
-64.6880, -28.1120

■ 145.8570,
-54.6020, -23.6740

■ 151.0540,
-44.7910, -19.7590

■ 156.6640,
-34.7050, -15.3210

■ 162.2740,
-24.6190, -10.8830

■ 167.5850,
-15.1290, -6.6570

■ 173.1950, -5.0430,
-2.2190

■ 178.5060, 4.4470,
2.0070

Harmonies

Analogous

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



143.7930, -31.3550, -31.9870



129.3260, -84.2640, -36.7760



124.9550, -110.7200, -30.8800

Triad

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



129.3260, -84.2640, -36.7760



160.6610, -11.1460, 25.7980



156.8380, 53.0020, -2.4060

Complementary

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



129.3260, -84.2640, -36.7760



72.6740, 84.2640, 36.7760

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.



158.7270, 58.4090, 15.2490



129.3260, -84.2640, -36.7760



161.6130, 24.3400, 32.4680

Square

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



129.3260, -84.2640, -36.7760



152.2040, -52.8200, 10.1240



159.7820, 48.5490, 28.7490



153.7720, 35.0320, -18.1520

Rectangle

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



129.3260, -84.2640, -36.7760



125.3600, -115.9940, -23.4020



159.7820, 48.5490, 28.7490



157.6800, 56.6230, 3.5590

Sweetspot

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



129.3260, -84.2640, -36.7760



211.2620, -33.5130, -14.8970



119.1330, -31.1180, -74.8460



103.7800, -20.1720, -8.8760



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



129.3260, -84.2640, -36.7760



158.3800, -129.0550, -56.5350



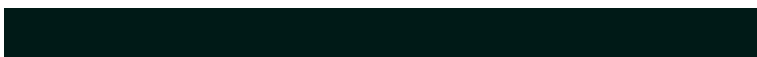
97.6910, -73.7250, -1.9890



86.1950, -5.0430, -2.2190



105.4290, -86.0520, -37.4120



17.8840, -14.5330, -6.4450

Inverse Universe

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



72.6740, 84.2640, 36.7760



71.6200, 129.0550, 56.5350



104.3090, 73.7250, 1.9890



82.8050, 5.0430, 2.2190



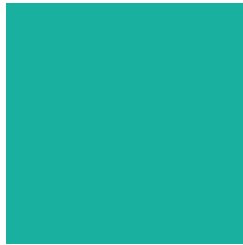
47.5710, 86.0520, 37.4120



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 129.3260, -84.2640, -36.7760 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 129.3260, -84.2640, -36.7760 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

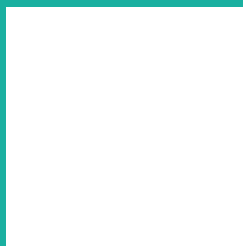
Any Text WCAG AAA ✓ Pass

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

YIQ 129.3260, -84.2640, -36.7760 Background



This preview shows how black text looks on a background with the YIQ color 129.3260, -84.2640, -36.7760.

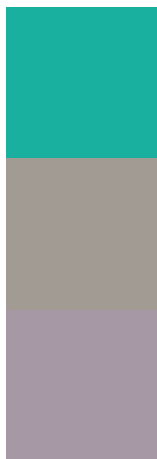


This preview shows how white text looks on a background with the YIQ color 129.3260, -84.2640, -36.7760.

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

129.3260, -84.2640, -36.7760

Protanopia

155.9960, 5.8230, -0.9050

Deuteranopia

157.9670, 4.7670, 7.2230



Tritanopia

137.1180, -77.2060, -21.5100

Trichromacy



Original Color

129.3260, -84.2640, -36.7760

Protanomaly

146.4970, -26.8650, -14.2330

Deuteranomaly

147.7730, -27.4620, -8.9180

Tritanomaly

133.9880, -79.9560, -26.7400

Monochromacy



Original Color

129.3260, -84.2640, -36.7760

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1700, -30.2580, -13.3140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.3260, -84.2640, -36.7760 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(26, 176, 160)` looks like.

```
.text, #text, p{  
    color:rgb(26, 176, 160)  
}
```

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(26, 176, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 176, 160) }
```

Border

The CSS property to change the border of an element to YIQ 129.3260, -84.2640, -36.7760 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(26, 176, 160) }
```


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

```
.border{ border-color:rgb(26, 176, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 176, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 176, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 176, 160);  
box-shadow:4px 4px 4px 4px rgb(26, 176,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 129.3260, -84.2640, -36.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 176, 160) }
```

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

```
.background{ background-color: rgb(26, 176,  
160) }
```

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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