

Converting Colors

YIQ(129.7970, -64.6820,
-61.2740)

Have a look what the booklet for
YIQ(129.7970, -64.6820, -61.2740)
contains.

YIQ(129.7970, -64.6820, -61.2740)	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(129.7970, -64.6820,
-61.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	1EBB61
RGB	30, 187, 97
RGB Percent	12%, 73%, 38%
CMY	0.8828, 0.2664, 0.6198
CMYK	0.84, 0.00, 0.48, 0.27
HSL	146°, 72%, 43%
HSV	146°, 84%, 73%
XYZ	20.4720, 36.7051, 17.3034
YIQ	129.7970, -64.6820, -61.2740

Conversions

Conversions Part 2

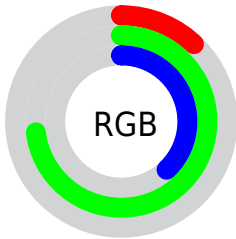
Format	Color
RYB	30, 140, 187
Decimal	2014049
CIELab	67.06, -58.28, 34.87
CIELCh	67, 67.914, 149.109
Yxy	36.7051, 0.2749, 0.4928
Android (android.graphics.Color)	4280204129 (0xFF1EBB61)
YUV	129.7970, -16.1689, -87.5220
Hunter-Lab	60.5847, -45.7071, 25.4757

Details

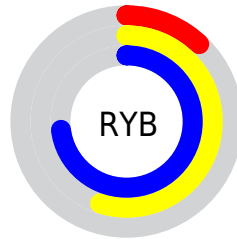
The YIQ color **129.7970, -64.6820, -61.2740** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **87.2030, 64.6820, 61.2740**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.6090, -52.3490, -59.0130**, and **82.9560, -51.7080, -54.1080** is the 20% darker color. If you saturate the color by 10%, you get **122.8620, -72.4750, -68.7230**, and if you desaturate by 10%, it is **136.7320, -56.8890, -53.8250**.

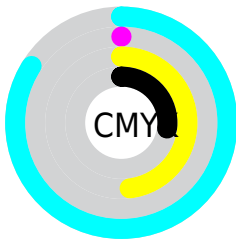
Distribution



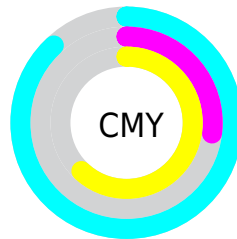
- Red (12%)
- Green (73%)
- Blue (38%)



- Red (12%)
- Yellow (55%)
- Blue (73%)



- Cyan (84%)
- Magenta (0%)
- Yellow (48%)
- Black (27%)



- Cyan (88%)
- Magenta (27%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.7970, -64.6820, -61.2740 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 129.7970, -64.6820, -61.2740 by changing the saturation by 10% instead.

■ 129.7970,
-64.6820, -61.2740

■ 129.7970,
-64.6820, -61.2740

■ 255.0000, -0.0000,
-0.0000

■ 101.5410,
-66.8370, -60.7650

■ 191.6090,
-52.3490, -59.0130

■ 82.9560, -51.7080,
-54.1080

■ 210.4130,
-45.5650, -49.7970

■ 64.8440, -36.5330,
-48.2850

■ 222.5750,
-36.6730, -34.7290

■ 46.9600, -22.0000,
-41.8400

■ 234.7370,
-27.7810, -19.6610

■ 32.8720, -15.4000,
-29.2880

■ 246.3290,
-17.2840, -6.1480

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,

0.0000

■ 129.7970,
-64.6820, -61.2740

■ 129.7970,
-64.6820, -61.2740

■ 122.8620,
-72.4750, -68.7230

■ 136.7320,
-56.8890, -53.8250

■ 118.8890,
-77.1050, -72.9210

■ 143.2540,
-49.3710, -46.8990

■ 150.1890,
-41.5780, -39.4500

■ 157.1240,
-33.7850, -32.0010

■ 163.7600,
-26.5880, -24.7640

■ 170.5810,
-18.4740, -17.6260

■ 177.5160,
-10.6810, -10.1770

■ 184.4510, -2.8880,
-2.7280

■ 190.9730, 4.6300,
4.1980

Harmonies

Analogous

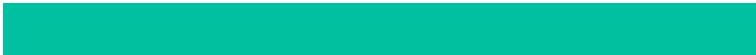
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



149.1660, 17.9820, -50.5780



129.7970, -64.6820, -61.2740



130.8300, -103.8390, -50.9670

Triad

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



129.7970, -64.6820, -61.2740



129.4470, -128.8800, -10.1280



154.1870, 86.8330, 28.7610

Complementary

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



129.7970, -64.6820, -61.2740



87.2030, 64.6820, 61.2740

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.



155.8580, 69.7270, 52.4390



129.7970, -64.6820, -61.2740



163.4870, -27.7910, 35.6090

Square

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



129.7970, -64.6820, -61.2740



137.6650, -132.7300, -17.4500



166.5830, 34.1930, 57.6570



158.5740, 88.8560, -2.4080

Rectangle

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



129.7970, -64.6820, -61.2740



135.6180, -117.3210, -37.9050



166.5830, 34.1930, 57.6570



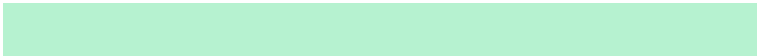
152.9450, 82.0630, 38.1190

Sweetspot

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



129.7970, -64.6820, -61.2740



220.1840, -24.8460, -23.2940



149.6670, 11.6570, -62.6070



108.8420, -14.7150, -14.1630



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



129.7970, -64.6820, -61.2740



153.7960, -99.6130, -94.5330



138.5750, -89.3990, -37.3270



90.7390, -3.7590, -3.4630



100.3840, -64.9570, -61.7970



19.6790, -12.6980, -12.1700

Inverse Universe

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



87.2030, 64.6820, 61.2740



88.2040, 99.6130, 94.5330



78.4250, 89.3990, 37.3270



88.2610, 3.7590, 3.4630



57.6160, 64.9570, 61.7970



11.3210, 12.6980, 12.1700

Previews

White Background



This preview shows how the YIQ color 129.7970, -64.6820, -61.2740 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 129.7970, -64.6820, -61.2740 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 129.7970, -64.6820, -61.2740 Background



This preview shows how black text looks on a background with the YIQ color 129.7970, -64.6820, -61.2740.



This preview shows how white text looks on a background with the YIQ color 129.7970, -64.6820, -61.2740.

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

129.7970, -64.6820, -61.2740

Protanopia

158.3480, 33.2900, -19.6220

Deuteranopia

161.2600, 39.8900, -7.0700



Tritanopia

148.3970, -64.6900, -17.0580

Trichromacy



Original Color

129.7970, -64.6820, -61.2740



Protanomaly

147.8270, -2.3320, -34.8440



Deuteranomaly

150.0220, 1.7930, -26.9990



Tritanomaly

141.7860, -65.0080, -33.3280

Monochromacy



Original Color

129.7970, -64.6820, -61.2740



Achromatopsia

130.0000, -0.0000, -0.0000



Achromatomaly

130.1950, -23.3790, -22.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.7970, -64.6820, -61.2740 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(30, 187, 97)` looks like.

```
.text, #text, p{  
    color:rgb(30, 187, 97)  
}
```

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(30, 187, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 187, 97) }
```

Border

The CSS property to change the border of an element to YIQ 129.7970, -64.6820, -61.2740 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(30, 187, 97) }
```


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

```
.border{ border-color:rgb(30, 187, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 187, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 187, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 187, 97);  
box-shadow:4px 4px 4px 4px rgb(30, 187,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 129.7970, -64.6820, -61.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 187, 97) }
```

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

```
.background{ background-color: rgb(30, 187,  
97) }
```

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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