

Converting Colors

YIQ(129.9870, -34.6570,
-27.2090)

Have a look what the booklet for
YIQ(129.9870, -34.6570, -27.2090)
contains.

YIQ(129.9870, -34.6570, -27.2090)	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(129.9870, -34.6570,
-27.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	509D7A
RGB	80, 157, 122
RGB Percent	31%, 62%, 48%
CMY	0.6865, 0.3842, 0.5217
CMYK	0.49, 0.00, 0.22, 0.38
HSL	153°, 33%, 46%
HSV	153°, 49%, 62%
XYZ	18.8774, 27.2325, 22.6647
YIQ	129.9870, -34.6570, -27.2090

Conversions

Conversions Part 2

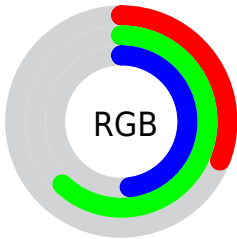
Format	Color
R_{YB}	80, 130, 157
Decimal	5283194
CIE _{Lab}	59.19, -32.37, 11.11
CIE _{LCh}	59, 34.219, 161.060
Yxy	27.2325, 0.2745, 0.3960
Android (android.graphics.Color)	4283473274 (0xFF509D7A)
YUV	129.9870, -3.9376, -43.8386
Hunter-Lab	52.1848, -26.7525, 10.7788

Details

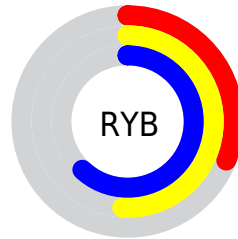
The YIQ color **129.9870, -34.6570, -27.2090** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **107.0130, 34.6570, 27.2090**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.3460, -34.2900, -28.3540**, and **76.5350, -39.1960, -27.5480** is the 20% darker color. If you saturate the color by 10%, you get **124.4050, -41.9460, -32.7780**, and if you desaturate by 10%, it is **135.5690, -27.3680, -21.6400**.

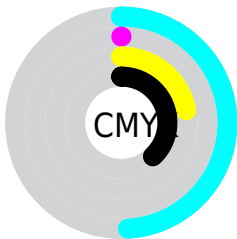
Distribution



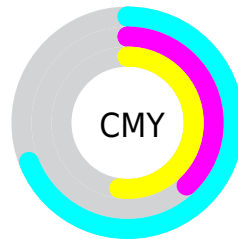
- Red (31%)
- Green (62%)
- Blue (48%)



- Red (31%)
- Yellow (51%)
- Blue (62%)



- Cyan (49%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.9870, -34.6570, -27.2090 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 129.9870, -34.6570, -27.2090 by changing the saturation by 10% instead.

■ 129.9870,
-34.6570, -27.2090

■ 129.9870,
-34.6570, -27.2090

■ 255.0000, -0.0000,
-0.0000

■ 103.8020,
-35.5740, -27.1100

■ 184.3460,
-34.2900, -28.3540

■ 76.5350, -39.1960,
-27.5480

■ 212.6340,
-35.1610, -29.0890

■ 52.7740, -38.3710,
-25.9790

■ 232.4160,
-31.3110, -21.7670

■ 36.7650, -24.9840,
-20.7920

■ 243.9370,
-22.0520, -7.8440

■ 21.7020, -11.5050,
-17.2730

■ 252.6080, -4.7680,
-1.6960

■ 0.0000, 0.0000,
0.0000

■ 129.9870,
-34.6570, -27.2090

■ 129.9870,
-34.6570, -27.2090

■ 124.4050,
-41.9460, -32.7780

■ 135.5690,
-27.3680, -21.6400

■ 119.1220,
-48.6390, -38.1350

■ 140.8520,
-20.6750, -16.2830

■ 113.5400,
-55.9280, -43.7040

■ 146.4340,
-13.3860, -10.7140

■ 107.8440,
-62.8960, -49.5840

■ 152.1300, -6.4180,
-4.8340

■ 102.2620,
-70.1850, -55.1530

■ 157.4130, 0.2750,
0.5230

■ 101.9630,
-70.7810, -55.3650

■ 162.9950, 7.5640,
6.0920

■ 168.5770, 14.8530,
11.6610

■ 174.1590, 22.1420,

17.2300

■ 179.4420, 28.8350,
22.5870

Harmonies

Analogous

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



135.4500, -2.2880, -24.6240



129.9870, -34.6570, -27.2090



120.0440, -74.3620, -29.0020

Triad

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



129.9870, -34.6570, -27.2090



141.2510, -33.8390, 13.0490



143.2480, 49.3320, 9.0440

Complementary

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



129.9870, -34.6570, -27.2090



107.0130, 34.6570, 27.2090

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.



145.0000, 44.6990, 21.4270



129.9870, -34.6570, -27.2090



146.1690, -1.0130, 23.8750

Square

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



129.9870, -34.6570, -27.2090



129.8610, -68.4520, -3.9400



146.1200, 27.0460, 27.4780



141.6840, 41.6320, -5.6000

Rectangle

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



129.9870, -34.6570, -27.2090



112.3540, -98.6620, -29.1420



146.1200, 27.0460, 27.4780



143.9970, 48.7810, 13.5250

Sweetspot

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



129.9870, -34.6570, -27.2090



193.1350, -13.9820, -10.9260



135.9630, 0.2810, -32.6390



95.7060, -8.1600, -6.3040



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.



129.9870, -34.6570, -27.2090



161.8500, -53.8650, -42.5450



132.2160, -45.0670, -14.7550



76.1520, -3.4840, -2.9400



92.8330, -64.3630, -50.5310



9.7170, -6.6930, -5.3570

Inverse Universe

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



107.0130, 34.6570, 27.2090



126.0360, 54.1860, 42.2340



104.7840, 45.0670, 14.7550



73.8480, 3.4840, 2.9400



50.1670, 64.3630, 50.5310



5.2830, 6.6930, 5.3570

Previews

White Background



This preview shows how the YIQ color 129.9870, -34.6570, -27.2090 looks on a white background.

Color Contrast Check

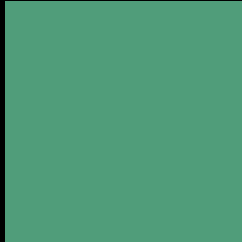
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.9870, -34.6570, -27.2090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

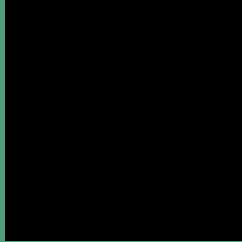
Any Text WCAG AA ✓ Pass

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 129.9870, -34.6570, -27.2090 Background



This preview shows how black text looks on a background with the YIQ color 129.9870, -34.6570, -27.2090.



This preview shows how white text looks on a background with the YIQ color 129.9870, -34.6570, -27.2090.

-27.2090.

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

129.9870, -34.6570, -27.2090

Protanopia

140.6130, 14.0310, -6.4890

Deuteranopia

142.9220, 17.8350, 1.6670



Tritanopia

134.5420, -39.9330, -8.6770

Trichromacy



Original Color

129.9870, -34.6570, -27.2090

Protanomaly

137.0020, -3.4820, -13.9940

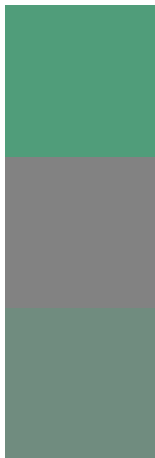
Deuteranomaly

138.2460, -1.0530, -8.4530

Tritanomaly

132.8100, -38.0520, -15.2360

Monochromacy



Original Color

129.9870, -34.6570, -27.2090

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.1460, -12.5150, -9.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.9870, -34.6570, -27.2090 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(80, 157, 122)` looks like.

```
.text, #text, p{  
    color:rgb(80, 157, 122)  
}
```

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(80, 157, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 157, 122) }
```

Border

The CSS property to change the border of an element to YIQ 129.9870, -34.6570, -27.2090 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(80, 157, 122) }
```


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

```
.border{ border-color:rgb(80, 157, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 157, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 157, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 157, 122);  
box-shadow:4px 4px 4px 4px rgb(80, 157,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 129.9870, -34.6570, -27.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 157, 122) }
```

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

```
.background{ background-color: rgb(80, 157,  
122) }
```

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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