

Converting Colors

YIQ(179.3480, -2.2410,
-30.9850)

Have a look what the booklet for
YIQ(179.3480, -2.2410, -30.9850)
contains.

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Color

**YIQ(179.3480, -2.2410,
-30.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC881
RGB	158, 200, 129
RGB Percent	62%, 78%, 51%
CMY	0.3805, 0.2156, 0.4941
CMYK	0.21, 0.00, 0.36, 0.22
HSL	96°, 39%, 65%
HSV	96°, 36%, 78%
XYZ	38.7149, 50.1673, 28.4157
YIQ	179.3480, -2.2410, -30.9850

Conversions

Conversions Part 2

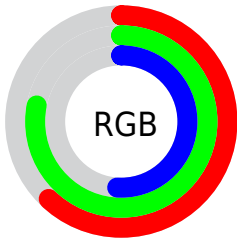
Format	Color
RYB	129, 200, 171
Decimal	10406017
CIELab	76.17, -26.65, 31.11
CIELCh	76, 40.965, 130.592
Yxy	50.1673, 0.3301, 0.4277
Android (android.graphics.Color)	4288596097 (0xFF9EC881)
YUV	179.3480, -24.8216, -18.7222
Hunter-Lab	70.8289, -26.3829, 25.7937

Details

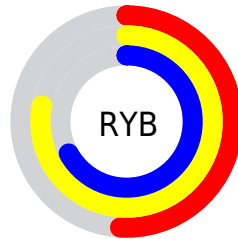
The YIQ color $179.3480, -2.2410, -30.9850$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $149.6520, 2.2410, 30.9850$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.5330, -1.3240, -31.0840$, and $126.1030, -2.9290, -29.5290$ is the 20% darker color. If you saturate the color by 10%, you get $173.4800, -2.9730, -39.7490$, and if you desaturate by 10%, it is $185.2160, -1.5090, -22.2210$.

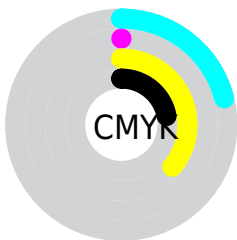
Distribution



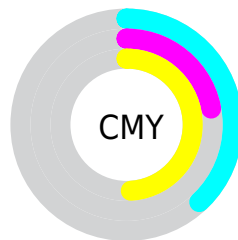
- Red (62%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (67%)



- Cyan (21%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.3480, -2.2410, -30.9850 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 179.3480, -2.2410, -30.9850 by changing the saturation by 10% instead.

■ 179.3480, -2.2410,
-30.9850

■ 179.3480, -2.2410,
-30.9850

255.0000, -0.0000,
-0.0000

■ 152.4620, -2.5620,
-30.6740

■ 234.5330, -1.3240,
-31.0840

■ 126.1030, -2.9290,
-29.5290

■ 245.9830, 6.6970,
-16.7510

■ 100.6300, -2.9750,
-28.6950

■ 253.1760, 5.1360,
-4.9760

■ 75.7440, -3.2960,
-28.3840

■ 51.4450, -3.8920,
-28.5960

■ 29.9700, -9.6240,
-23.8320

■ 17.6100, -8.2500,

-15.6900

■ 0.0000, 0.0000,
0.0000

■ 179.3480, -2.2410,
-30.9850

■ 179.3480, -2.2410,
-30.9850

■ 173.4800, -2.9730,
-39.7490

■ 185.2160, -1.5090,
-22.2210

■ 167.6120, -3.7050,
-48.5130

■ 191.0840, -0.7770,
-13.4570

■ 161.7440, -4.4370,
-57.2770

■ 196.9520, -0.0450,
-4.6930

■ 156.1750, -4.5730,
-65.8290

■ 202.5210, 0.0910,
3.8590

■ 150.3070, -5.3050,
-74.5930

■ 208.3890, 0.8230,
12.6230

■ 144.4390, -6.0370,
-83.3570

■ 214.2570, 1.5550,
21.3870

■ 141.9180, -6.1280,
-87.2160

■ 218.5290, 6.7810,
25.7970

■ 222.1170, 13.9330,
28.3410

■ 222.7150, 15.1250,
28.7650

Harmonies

Analogous

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



184.0980, 30.9980, -22.1380



179.3480, -2.2410, -30.9850



172.4650, -42.1750, -34.1350

Triad

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



179.3480, -2.2410, -30.9850



172.1950, -84.1320, -6.1160



189.0550, 52.0340, 26.1620

Complementary

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



179.3480, -2.2410, -30.9850



149.6520, 2.2410, 30.9850

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.



193.0440, 33.3720, 33.9800



179.3480, -2.2410, -30.9850



185.1840, -40.9000, 14.3640

Square

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



179.3480, -2.2410, -30.9850



152.6100, -122.8700, -30.9500



191.9720, -1.6560, 30.0240



189.0600, 61.6650, 11.3050

Rectangle

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



179.3480, -2.2410, -30.9850



165.5400, -73.1230, -34.9390



191.9720, -1.6560, 30.0240



190.5370, 47.8610, 30.2050

Sweetspot

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



179.3480, -2.2410, -30.9850



246.7250, -1.1440, -12.3120



174.2960, 31.0410, -6.3910



123.0720, -0.5030, -7.4070



0.0000, 0.0000, 0.0000



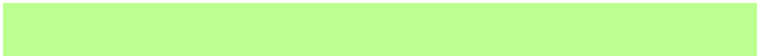
128.0000, -0.0000, -0.0000

Same Dimension

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



179.3480, -2.2410, -30.9850



223.0250, -3.4300, -47.9900



171.3610, -21.4510, -35.2670



96.4790, -0.0910, -3.8590



115.7140, -4.8930, -71.0450



25.6170, -0.9600, -15.6480

Inverse Universe

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



149.6520, 2.2410, 30.9850



176.9750, 3.4300, 47.9900



157.6390, 21.4510, 35.2670



92.5210, 0.0910, 3.8590



47.5850, 5.4890, 71.2570



10.3830, 0.9600, 15.6480

Previews

White Background



This preview shows how the YIQ color 179.3480, -2.2410, -30.9850 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 179.3480, -2.2410, -30.9850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

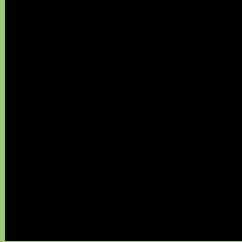
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.3480, -2.2410, -30.9850

Background



This preview shows how black text looks on a background with the YIQ color 179.3480, -2.2410, -30.9850.



This preview shows how white text looks on a background with the YIQ color 179.3480, -2.2410,

-30.9850.

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

179.3480, -2.2410, -30.9850

Protanopia

184.6020, 29.7590, -16.2010

Deuteranopia

187.0260, 40.6690, -4.6670



Tritanopia

186.4310, -17.3310, 0.2130

Trichromacy



Original Color

179.3480, -2.2410, -30.9850

Protanomaly

182.9810, 18.2060, -21.5860

Deuteranomaly

184.3180, 24.8070, -14.5610

Tritanomaly

183.8040, -11.5520, -10.9120

Monochromacy



Original Color

179.3480, -2.2410, -30.9850

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.2520, -1.1900, -11.4780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.3480, -2.2410, -30.9850 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(158, 200, 129)` looks like.

```
.text, #text, p{  
    color:rgb(158, 200, 129)  
}
```

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(158, 200, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 200, 129) }
```

Border

The CSS property to change the border of an element to YIQ 179.3480, -2.2410, -30.9850 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(158, 200, 129) }
```


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

```
.border{ border-color:rgb(158, 200, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 200, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 200, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 200, 129);  
box-shadow:4px 4px 4px 4px rgb(158, 200,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 179.3480, -2.2410, -30.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 200, 129) }
```

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

```
.background{ background-color: rgb(158,  
200, 129) }
```

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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