

Converting Colors

YIQ(178.0960, -27.4140,
-20.8060)

Have a look what the booklet for
YIQ(178.0960, -27.4140, -20.8060)
contains.

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Color

**YIQ(178.0960, -27.4140,
-20.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC7AD
RGB	139, 199, 173
RGB Percent	55%, 78%, 68%
CMY	0.4551, 0.2195, 0.3217
CMYK	0.30, 0.00, 0.13, 0.22
HSL	154°, 35%, 66%
HSV	154°, 30%, 78%
XYZ	38.6105, 49.3602, 47.0162
YIQ	178.0960, -27.4140, -20.8060

Conversions

Conversions Part 2

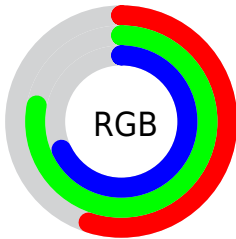
Format	Color
RYB	139, 177, 199
Decimal	9160621
CIELab	75.67, -24.85, 6.89
CIELCh	76, 25.784, 164.496
Yxy	49.3602, 0.2860, 0.3657
Android (android.graphics.Color)	4287350701 (0xFF8BC7AD)
YUV	178.0960, -2.5123, -34.2872
Hunter-Lab	70.2568, -24.8523, 9.5026

Details

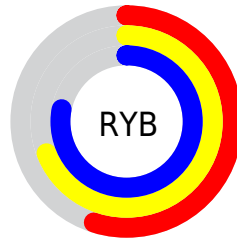
The YIQ color **178.0960, -27.4140, -20.8060** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **159.9040, 27.4140, 20.8060**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.6830, -27.6890, -21.3290**, and **124.9220, -26.8640, -19.7600** is the 20% darker color. If you saturate the color by 10%, you get **171.0900, -36.4450, -27.8450**, and if you desaturate by 10%, it is **185.1020, -18.3830, -13.7670**.

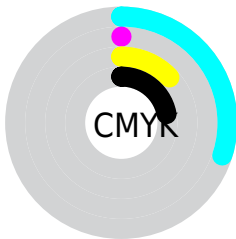
Distribution



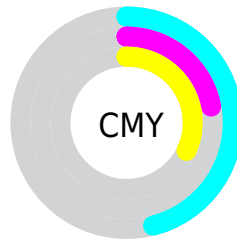
- Red (55%)
- Green (78%)
- Blue (68%)



- Red (55%)
- Yellow (69%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



- Cyan (46%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.0960, -27.4140, -20.8060 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 178.0960, -27.4140, -20.8060 by changing the saturation by 10% instead.

■ 178.0960,
-27.4140, -20.8060

■ 178.0960,
-27.4140, -20.8060

■ 255.0000, -0.0000,
-0.0000

■ 151.3950,
-26.8180, -20.5940

■ 233.6830,
-27.6890, -21.3290

■ 124.9220,
-26.8640, -19.7600

■ 245.1330,
-19.6680, -6.9960

■ 99.0360, -27.1850,
-19.4490

■ 253.8040, -2.3840,
-0.8480

■ 74.1500, -27.5060,
-19.1380

■ 48.2850, -32.3200,
-20.0000

■ 30.8950, -22.2340,
-15.5620

■ 16.7780, -8.6630,

-13.7110

■ 0.0000, 0.0000,
0.0000

■ 178.0960,
-27.4140, -20.8060

■ 178.0960,
-27.4140, -20.8060

■ 171.0900,
-36.4450, -27.8450

■ 185.1020,
-18.3830, -13.7670

■ 164.1980,
-45.7970, -34.5730

■ 191.9940, -9.0310,
-7.0390

■ 157.1920,
-54.8280, -41.6120

■ 199.0000, -0.0000,
0.0000

■ 150.1860,
-63.8590, -48.6510

■ 206.0060, 9.0310,
7.0390

■ 143.2940,
-73.2110, -55.3790

■ 212.5990, 17.7870,
13.5550

■ 136.5870,
-81.6460, -62.2060

■ 218.7080, 25.0300,
19.9580

■ 129.6950,
-90.9980, -68.9340

■ 219.6200, 22.4620,
22.4460

■ 220.6460, 19.5730,
25.2450

■ 221.6720, 16.6840,
28.0440

Harmonies

Analogous

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



181.1280, -4.0770, -19.7330



178.0960, -27.4140, -20.8060



175.7380, -46.7170, -17.8930

Triad

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



178.0960, -27.4140, -20.8060



187.0690, -21.6430, 12.2850



188.1760, 40.6670, 6.3870

Complementary

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



178.0960, -27.4140, -20.8060



159.9040, 27.4140, 20.8060

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.



189.5320, 37.0890, 16.1690



178.0960, -27.4140, -20.8060



190.0890, 1.9680, 19.4080

Square

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



178.0960, -27.4140, -20.8060



181.3110, -43.2360, 1.6280



190.7510, 23.4710, 20.6790



186.6060, 33.1040, -5.2320

Rectangle

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



178.0960, -27.4140, -20.8060



176.3770, -52.7700, -12.8180



190.7510, 23.4710, 20.6790



189.2840, 40.4830, 9.7230

Sweetspot

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



178.0960, -27.4140, -20.8060



246.9830, -10.4980, -7.9860



182.2930, -0.4080, -25.6560



122.7170, -6.6930, -5.3570



0.0000, 0.0000, 0.0000



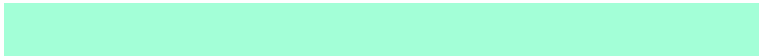
128.0000, -0.0000, -0.0000

Same Dimension

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



178.0960, -27.4140, -20.8060



222.9320, -41.9920, -31.9440



179.2990, -34.9350, -11.1510



95.8530, -4.0800, -3.1520



106.1690, -74.3570, -56.6370



23.4120, -16.3200, -12.6080

Inverse Universe

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



159.9040, 27.4140, 20.8060



195.0680, 41.9920, 31.9440



158.7010, 34.9350, 11.1510



93.1470, 4.0800, 3.1520



56.8310, 74.3570, 56.6370



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 178.0960, -27.4140, -20.8060 looks on a white background.

Color Contrast Check

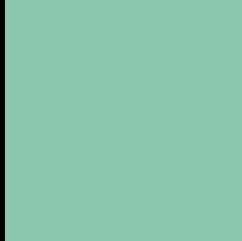
Large Text (above 18pt) WCAG AA × Fail

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 178.0960, -27.4140, -20.8060 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 178.0960, -27.4140, -20.8060 Background



This preview shows how black text looks on a background with the YIQ color 178.0960, -27.4140, -20.8060.



This preview shows how white text looks on a background with the YIQ color 178.0960, -27.4140, -20.8060.

-20.8060.

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

178.0960, -27.4140, -20.8060

Protanopia

185.5250, 11.4630, -4.0010

Deuteranopia

187.1440, 17.3300, 5.3140



Tritanopia

181.6570, -32.8270, -5.2990

Trichromacy



Original Color

178.0960, -27.4140, -20.8060

Protanomaly

182.8220, -2.7950, -9.9230

Deuteranomaly

183.6640, 0.8260, -3.9580

Tritanomaly

180.4520, -30.9920, -11.0240

Monochromacy



Original Color

178.0960, -27.4140, -20.8060

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.2820, -9.9020, -7.7740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.0960, -27.4140, -20.8060 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(139, 199, 173)` looks like.

```
.text, #text, p{  
    color:rgb(139, 199, 173)  
}
```

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(139, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 199, 173) }
```

Border

The CSS property to change the border of an element to YIQ 178.0960, -27.4140, -20.8060 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(139, 199, 173) }
```


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

```
.border{ border-color:rgb(139, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 199, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 199, 173);  
box-shadow:4px 4px 4px 4px rgb(139, 199,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 178.0960, -27.4140, -20.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 199, 173) }
```

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

```
.background{ background-color: rgb(139,  
199, 173) }
```

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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