

Converting Colors

YIQ(171.6680, -23.3330,
-23.1810)

Have a look what the booklet for
YIQ(171.6680, -23.3330, -23.1810)
contains.

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Color

**YIQ(171.6680, -23.3330,
-23.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	87C19E
RGB	135, 193, 158
RGB Percent	53%, 76%, 62%
CMY	0.4707, 0.2430, 0.3805
CMYK	0.30, 0.00, 0.18, 0.24
HSL	144°, 32%, 64%
HSV	144°, 30%, 76%
XYZ	35.2306, 45.7662, 39.3171
YIQ	171.6680, -23.3330, -23.1810

Conversions

Conversions Part 2

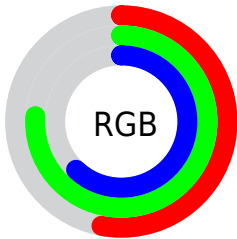
Format	Color
RYB	135, 177, 193
Decimal	8896926
CIELab	73.39, -26.15, 11.71
CIELCh	73, 28.651, 155.882
Yxy	45.7662, 0.2928, 0.3804
Android (android.graphics.Color)	4287087006 (0xFF87C19E)
YUV	171.6680, -6.7383, -32.1578
Hunter-Lab	67.6507, -25.4311, 12.8975

Details

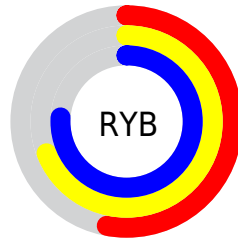
The YIQ color **171.6680, -23.3330, -23.1810** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **156.3320, 23.3330, 23.1810**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.8420, -23.8830, -24.2270**, and **118.6080, -23.1040, -21.8240** is the 20% darker color. If you saturate the color by 10%, you get **164.6190, -30.8050, -30.9410**, and if you desaturate by 10%, it is **178.7170, -15.8610, -15.4210**.

Distribution



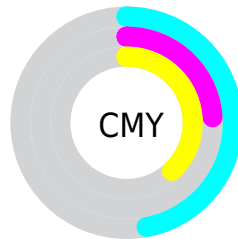
- Red (53%)
- Green (76%)
- Blue (62%)



- Red (53%)
- Yellow (69%)
- Blue (76%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)



- Cyan (47%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.6680, -23.3330, -23.1810 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 171.6680, -23.3330, -23.1810 by changing the saturation by 10% instead.

■ 171.6680,
-23.3330, -23.1810

■ 171.6680,
-23.3330, -23.1810

■ 255.0000, -0.0000,
-0.0000

■ 145.0810,
-23.0580, -22.6580

■ 227.8420,
-23.8830, -24.2270

■ 118.6080,
-23.1040, -21.8240

■ 242.3410,
-17.5580, -12.1980

■ 93.0210, -22.8290,
-21.3010

■ 252.6080, -4.7680,
-1.6960

■ 68.8360, -23.7460,
-21.2020

■ 43.2700, -27.9640,
-21.8520

■ 26.5920, -17.0070,
-16.6790

■ 11.7400, -5.5000,

-10.4600

■ 0.0000, 0.0000,
0.0000

■ 171.6680,
-23.3330, -23.1810

■ 171.6680,
-23.3330, -23.1810

■ 164.6190,
-30.8050, -30.9410

■ 178.7170,
-15.8610, -15.4210

■ 157.3850,
-39.1940, -38.6020

■ 185.9510, -7.4720,
-7.7600

■ 150.3360,
-46.6660, -46.3620

■ 193.0000, -0.0000,
-0.0000

■ 143.2870,
-54.1380, -54.1220

■ 200.0490, 7.4720,
7.7600

■ 136.0530,
-62.5270, -61.7830

■ 206.9840, 15.2650,
15.2090

■ 129.0040,
-69.9990, -69.5430

■ 214.3320, 23.3330,
23.1810

■ 122.0690,
-77.7920, -76.9920

■ 216.8960, 21.8650,
27.7610

■ 218.1500, 18.3340,
31.1820

■ 218.6060, 17.0500,
32.4260

Harmonies

Analogous

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



175.3090, 2.6630, -20.7370



171.6680, -23.3330, -23.1810



168.1460, -48.0460, -21.3420

Triad

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



171.6680, -23.3330, -23.1810



178.7410, -32.4630, 10.1370



182.5510, 44.1050, 10.1610

Complementary

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



171.6680, -23.3330, -23.1810



156.3320, 23.3330, 23.1810

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.



183.9390, 37.5010, 19.7170



171.6680, -23.3330, -23.1810



183.4950, -5.0470, 19.8890

Square

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



171.6680, -23.3330, -23.1810



172.4020, -53.9180, -3.0220



184.4780, 19.9860, 23.2660



180.4220, 39.6140, -2.0660

Rectangle

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



171.6680, -23.3330, -23.1810



166.8060, -58.5920, -17.4400



184.4780, 19.9860, 23.2660



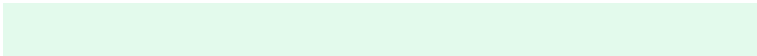
182.8870, 43.2790, 14.1190

Sweetspot

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



171.6680, -23.3330, -23.1810



241.5270, -9.2140, -9.2300



179.8100, 5.5060, -22.7020



119.9020, -5.7760, -5.4560



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



171.6680, -23.3330, -23.1810



216.9340, -36.3060, -35.8740



174.8600, -32.3210, -14.4730



93.3260, -4.0340, -3.9860



101.8030, -64.8190, -64.2990



20.8530, -13.2480, -13.2160

Inverse Universe

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



156.3320, 23.3330, 23.1810



193.0660, 36.3060, 35.8740



153.1400, 32.3210, 14.4730



90.6740, 4.0340, 3.9860



59.1970, 64.8190, 64.2990



12.1470, 13.2480, 13.2160

Previews

White Background



This preview shows how the YIQ color 171.6680, -23.3330, -23.1810 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 171.6680, -23.3330, -23.1810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

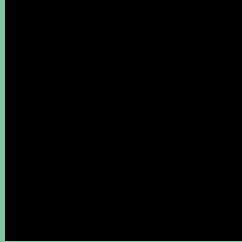
Any Text WCAG AA ✓ Pass

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 171.6680, -23.3330, -23.1810 Background



This preview shows how black text looks on a background with the YIQ color 171.6680, -23.3330, -23.1810.



This preview shows how white text looks on a background with the YIQ color 171.6680, -23.3330, -23.1810.

-23.1810.

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

171.6680, -23.3330, -23.1810

Protanopia

178.7980, 14.9480, -6.5880

Deuteranopia

180.7160, 21.4110, 2.9390



Tritanopia

175.8530, -30.4430, -4.4510

Trichromacy



Original Color

171.6680, -23.3330, -23.1810

Protanomaly

176.0950, 0.6900, -12.5100

Deuteranomaly

177.2360, 4.9070, -6.3330

Tritanomaly

174.3060, -27.6450, -11.1090

Monochromacy



Original Color

171.6680, -23.3330, -23.1810

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.2390, -8.3430, -8.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.6680, -23.3330, -23.1810 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(135, 193, 158)` looks like.

```
.text, #text, p{  
    color:rgb(135, 193, 158)  
}
```

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(135, 193, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 193, 158) }
```

Border

The CSS property to change the border of an element to YIQ 171.6680, -23.3330, -23.1810 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(135, 193, 158) }
```


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

```
.border{ border-color:rgb(135, 193, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 193, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 193, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 193, 158);  
box-shadow:4px 4px 4px 4px rgb(135, 193,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 171.6680, -23.3330, -23.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 193, 158) }
```

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

```
.background{ background-color: rgb(135,  
193, 158) }
```

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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