

Converting Colors

YIQ(179.8080, -17.3750,
-10.0070)

Have a look what the booklet for
YIQ(179.8080, -17.3750, -10.0070)
contains.

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Color

**YIQ(179.8080, -17.3750,
-10.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	9DBFB6
RGB	157, 191, 182
RGB Percent	62%, 75%, 71%
CMY	0.3844, 0.2509, 0.2863
CMYK	0.18, 0.00, 0.05, 0.25
HSL	164°, 21%, 68%
HSV	164°, 18%, 75%
XYZ	40.9761, 47.8105, 51.3161
YIQ	179.8080, -17.3750, -10.0070

Conversions

Conversions Part 2

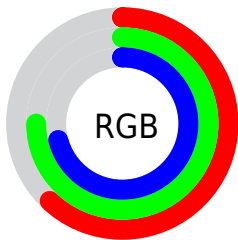
Format	Color
RYB	157, 177, 191
Decimal	10338230
CIELab	74.71, -13.25, 0.75
CIELCh	75, 13.274, 176.778
Yxy	47.8105, 0.2925, 0.3413
Android (android.graphics.Color)	4288528310 (0xFF9DBFB6)
YUV	179.8080, 1.0807, -20.0026
Hunter-Lab	69.1451, -15.2230, 4.3995

Details

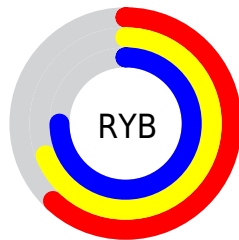
The YIQ color **179.8080, -17.3750, -10.0070** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **168.1920, 17.3750, 10.0070**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.5090, -17.9710, -10.2190**, and **127.1070, -16.7790, -9.7950** is the 20% darker color. If you saturate the color by 10%, you get **173.5570, -27.0940, -15.5900**, and if you desaturate by 10%, it is **186.0590, -7.6560, -4.4240**.

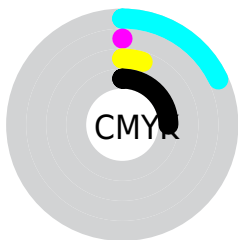
Distribution



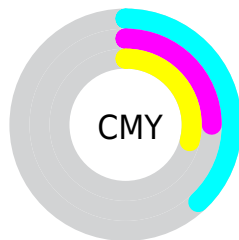
- Red (62%)
- Green (75%)
- Blue (71%)



- Red (62%)
- Yellow (69%)
- Blue (75%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (38%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.8080, -17.3750, -10.0070 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 179.8080, -17.3750, -10.0070 by changing the saturation by 10% instead.

■ 179.8080,
-17.3750, -10.0070

■ 179.8080,
-17.3750, -10.0070

■ 255.0000, -0.0000,
-0.0000

■ 153.1070,
-16.7790, -9.7950

■ 235.5090,
-17.9710, -10.2190

■ 127.1070,
-16.7790, -9.7950

■ 250.5150, -8.9400,
-3.1800

■ 101.5200,
-16.5040, -9.2720

■ 77.8190, -15.9080,
-9.0600

■ 54.2320, -15.6330,
-8.5370

■ 32.0470, -16.5500,
-8.4380

■ 15.0970, -10.8190,

-7.6750

■ 0.0000, 0.0000,
0.0000

■ 179.8080,
-17.3750, -10.0070

■ 179.8080,
-17.3750, -10.0070

■ 173.5570,
-27.0940, -15.5900

■ 186.0590, -7.6560,
-4.4240

■ 167.3060,
-36.8130, -21.1730

■ 192.3100, 2.0630,
1.1590

■ 161.0550,
-46.5320, -26.7560

■ 198.5610, 11.7820,
6.7420

■ 154.8040,
-56.2510, -32.3390

■ 204.8120, 21.5010,
12.3250

■ 148.2540,
-66.5660, -38.1340

■ 211.0630, 31.2200,
17.9080

■ 142.0030,
-76.2850, -43.7170

■ 212.5300, 31.4030,
20.0990

■ 135.7520,
-86.0040, -49.3000

■ 213.1000, 29.7980,
21.6540

■ 129.3870,
-95.4020, -55.1940

■ 213.7840, 27.8720,
23.5200

■ 128.0770,
-97.4650, -56.3530

■ 214.3540, 26.2670,
25.0750

Harmonies

Analogous

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



180.5550, -6.4170, -10.3610



179.8080, -17.3750, -10.0070



179.9800, -23.6110, -7.1230

Triad

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



179.8080, -17.3750, -10.0070



185.0460, -5.6410, 8.6230



185.0640, 20.3110, 0.8470

Complementary

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



179.8080, -17.3750, -10.0070



168.1920, 17.3750, 10.0070

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.



185.8240, 21.2270, 6.2750



179.8080, -17.3750, -10.0070



186.4450, 6.4170, 10.3610

Square

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



179.8080, -17.3750, -10.0070



182.8380, -16.9190, 3.7610



186.7080, 15.8620, 9.8940



183.3790, 14.8100, -4.0860

Rectangle

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



179.8080, -17.3750, -10.0070



180.7890, -24.3910, -3.9990



186.7080, 15.8620, 9.8940



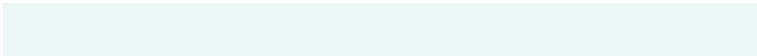
185.7160, 21.4110, 2.9390

Sweetspot

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



179.8080, -17.3750, -10.0070



243.0700, -6.1890, -3.4770



179.6490, -3.9860, -15.8740



122.3800, -4.1260, -2.3180



252.0000, 0.0000, 0.0000



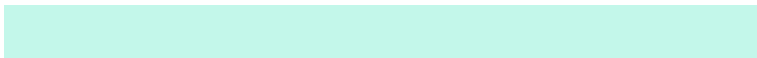
125.0000, 0.0000, 0.0000

Same Dimension

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



179.8080, -17.3750, -10.0070



229.9700, -26.8190, -15.0670



176.1380, -18.0640, -3.0240



91.0810, -4.7220, -2.5300



105.9700, -80.6860, -46.5580



20.7050, -15.5870, -9.3710

Inverse Universe

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



168.1920, 17.3750, 10.0070



212.1440, 26.4980, 15.3780



171.8620, 18.0640, 3.0240



87.9190, 4.7220, 2.5300



52.0300, 80.6860, 46.5580



10.1810, 15.9080, 9.0600

Previews

White Background



This preview shows how the YIQ color 179.8080, -17.3750, -10.0070 looks on a white background.

Color Contrast Check

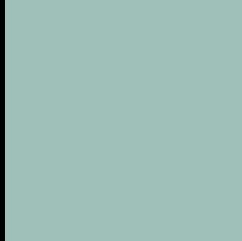
Large Text (above 18pt) WCAG AA × Fail

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 179.8080, -17.3750, -10.0070 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 179.8080, -17.3750, -10.0070 Background



This preview shows how black text looks on a background with the YIQ color 179.8080, -17.3750, -10.0070.



This preview shows how white text looks on a background with the YIQ color 179.8080, -17.3750, -10.0070.

-10.0070.

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

179.8080, -17.3750, -10.0070

Protanopia

183.8110, 4.9060, -0.8060

Deuteranopia

185.3760, 10.8650, 6.8410



Tritanopia

181.6370, -20.9070, -1.0590

Trichromacy



Original Color

179.8080, -17.3750, -10.0070

Protanomaly

182.5110, -3.1170, -4.0850

Deuteranomaly

183.4130, 0.2750, 0.5230

Tritanomaly

181.0130, -19.2100, -4.2820

Monochromacy



Original Color

179.8080, -17.3750, -10.0070

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.0700, -6.1890, -3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.8080, -17.3750, -10.0070 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(157, 191, 182)` looks like.

```
.text, #text, p{  
    color:rgb(157, 191, 182)  
}
```

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(157, 191, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 191, 182) }
```

Border

The CSS property to change the border of an element to YIQ 179.8080, -17.3750, -10.0070 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(157, 191, 182) }
```


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

```
.border{ border-color:rgb(157, 191, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 191, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 191, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 191, 182);  
box-shadow:4px 4px 4px 4px rgb(157, 191,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 179.8080, -17.3750, -10.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 191, 182) }
```

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

```
.background{ background-color: rgb(157,  
191, 182) }
```

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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