

Converting Colors

YIQ(181.0050, -43.0950,
-17.4550)

Have a look what the booklet for
YIQ(181.0050, -43.0950, -17.4550)
contains.

YIQ(181.0050, -43.0950, -17.4550)	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(181.0050, -43.0950,
-17.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	81CCC7
RGB	129, 204, 199
RGB Percent	51%, 80%, 78%
CMY	0.4943, 0.1999, 0.2198
CMYK	0.37, 0.00, 0.02, 0.20
HSL	176°, 42%, 65%
HSV	176°, 37%, 80%
XYZ	40.9504, 51.9858, 61.8828
YIQ	181.0050, -43.0950, -17.4550

Conversions

Conversions Part 2

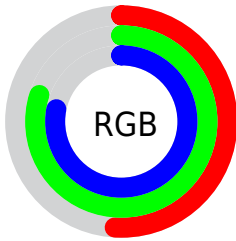
Format	Color
R _Y B	129, 168, 204
Decimal	8506567
CIE Lab	77.27, -24.40, -4.85
CIE LCh	77, 24.875, 191.247
Yxy	51.9858, 0.2645, 0.3358
Android (android.graphics.Color)	4286696647 (0xFF81CCC7)
YUV	181.0050, 8.8715, -45.6084
Hunter-Lab	72.1011, -24.7965, -0.4165

Details

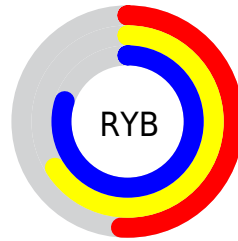
The YIQ color **181.0050, -43.0950, -17.4550** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **151.9950, 43.0950, 17.4550**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0700, -41.7200, -14.8400**, and **126.7060, -43.6910, -17.6670** is the 20% darker color. If you saturate the color by 10%, you get **174.9110, -54.6940, -22.0060**, and if you desaturate by 10%, it is **187.0990, -31.4960, -12.9040**.

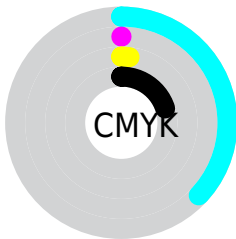
Distribution



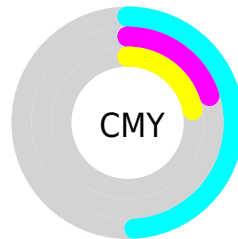
- Red (51%)
- Green (80%)
- Blue (78%)



- Red (51%)
- Yellow (66%)
- Blue (80%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.0050, -43.0950, -17.4550 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 181.0050, -43.0950, -17.4550 by changing the saturation by 10% instead.

■ 181.0050,
-43.0950, -17.4550

■ 181.0050,
-43.0950, -17.4550

■ 255.0000, -0.0000,
-0.0000

■ 153.4180,
-42.8200, -16.9320

■ 234.0700,
-41.7200, -14.8400

■ 126.7060,
-43.6910, -17.6670

■ 242.4420,
-25.0320, -8.9040

■ 100.2220,
-45.2040, -17.7800

■ 251.4120, -7.1520,
-2.5440

■ 71.0470, -52.0810,
-19.8010

■ 51.5320, -43.1410,
-16.6210

■ 35.5230, -29.7540,
-11.4340

■ 21.3890, -17.5130,

-7.5050

■ 0.0000, 0.0000,
0.0000

■ 181.0050,
-43.0950, -17.4550

■ 181.0050,
-43.0950, -17.4550

■ 174.9110,
-54.6940, -22.0060

■ 187.0990,
-31.4960, -12.9040

■ 168.4040,
-66.5680, -27.0800

■ 193.6060,
-19.6220, -7.8300

■ 162.3100,
-78.1670, -31.6310

■ 199.7000, -8.0230,
-3.2790

■ 155.8030,
-90.0410, -36.7050

■ 206.0930, 4.1720,
1.4840

■ 149.7090,
-101.6400, -41.2560

■ 212.3010, 15.4500,
6.3460

■ 143.6150,
-113.2390, -45.8070

■ 218.3950, 27.0490,
10.8970

■ 141.4080,
-117.0900, -47.6020

■ 219.8190, 28.7910,
12.3670

■ 219.9330, 28.4700,
12.6780

■ 220.0470, 28.1490,
12.9890

Harmonies

Analogous

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



183.3630, -23.7920, -20.3680



181.0050, -43.0950, -17.4550



181.6270, -50.4780, -10.3020

Triad

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



181.0050, -43.0950, -17.4550



193.8930, -0.4160, 18.5600



190.9590, 33.6080, -3.3520

Complementary

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



181.0050, -43.0950, -17.4550



151.9950, 43.0950, 17.4550

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.



193.1050, 39.4290, 6.7970



181.0050, -43.0950, -17.4550



194.9680, 21.3620, 20.3540

Square

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



181.0050, -43.0950, -17.4550



190.7590, -23.7060, 11.1260



194.1620, 35.2550, 16.3670



188.8490, 18.9380, -12.8220

Rectangle

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



181.0050, -43.0950, -17.4550



184.1100, -47.2240, -3.1920



194.1620, 35.2550, 16.3670



191.9210, 36.7710, -0.1010

Sweetspot

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



181.0050, -43.0950, -17.4550



246.4000, -16.0460, -6.5580



174.8190, -17.0490, -37.9530



122.6890, -9.4900, -4.2260



0.0000, 0.0000, 0.0000



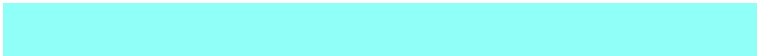
128.0000, -0.0000, -0.0000

Same Dimension

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



181.0050, -43.0950, -17.4550



220.6000, -64.1840, -26.2320



163.3780, -36.1750, 0.3130



98.8960, -5.6390, -2.4310



115.1120, -95.4050, -38.6130



26.4100, -22.0060, -8.6780

Inverse Universe

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



151.9950, 43.0950, 17.4550



177.2860, 64.5050, 25.9210



169.6220, 36.1750, -0.3130



94.9900, 5.9600, 2.1200



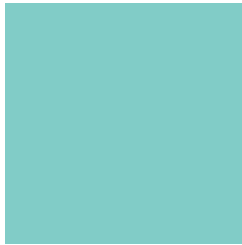
50.8880, 95.4050, 38.6130



11.7040, 21.6850, 8.9890

Previews

White Background



This preview shows how the YIQ color 181.0050, -43.0950, -17.4550 looks on a white background.

Color Contrast Check

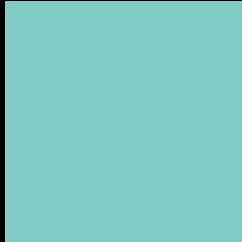
Large Text (above 18pt) WCAG AA × Fail

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 181.0050, -43.0950, -17.4550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

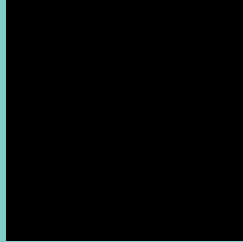
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

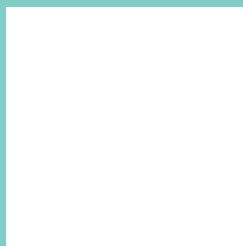
Any Text WCAG AAA ✓ Pass

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

YIQ 181.0050, -43.0950, -17.4550 Background



This preview shows how black text looks on a background with the YIQ color 181.0050, -43.0950, -17.4550.



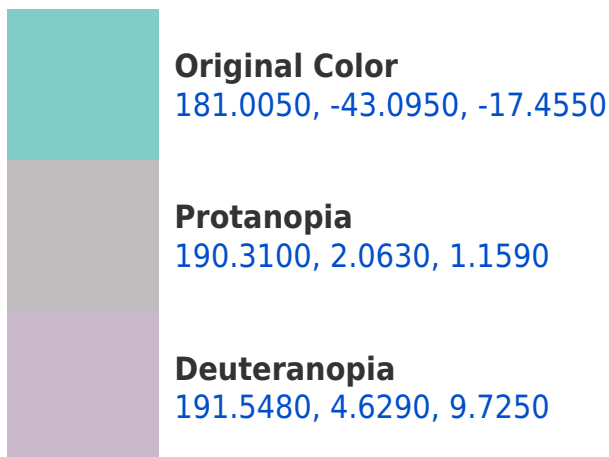
This preview shows how white text looks on a background with the YIQ color 181.0050, -43.0950, -17.4550.

-17.4550.

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

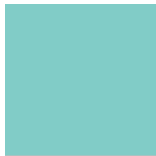




Tritanopia

182.7910, -45.0680, -9.2280

Trichromacy



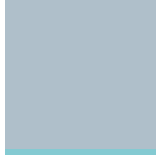
Original Color

181.0050, -43.0950, -17.4550



Protanomaly

186.7100, -13.9830, -5.3990



Deuteranomaly

187.4700, -13.0670, 0.0290



Tritanomaly

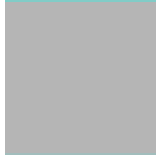
181.9820, -44.2880, -12.3520

Monochromacy



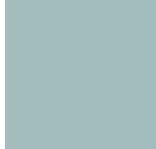
Original Color

181.0050, -43.0950, -17.4550



Achromatopsia

181.0000, -0.0000, 0.0000



Achromatomaly

180.8130, -15.7710, -6.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.0050, -43.0950, -17.4550 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(129, 204, 199)` looks like.

```
.text, #text, p{  
    color:rgb(129, 204, 199)  
}
```

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(129, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 204, 199) }
```

Border

The CSS property to change the border of an element to YIQ 181.0050, -43.0950, -17.4550 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(129, 204, 199) }
```


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

```
.border{ border-color:rgb(129, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 204, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 204, 199); box-shadow:4px 4px 4px 4px rgb(129, 204, 199) }
```

Background

The CSS property to change the background color of an element to YIQ 181.0050, -43.0950, -17.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 204, 199) }
```

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

```
.background{ background-color: rgb(129,  
204, 199) }
```

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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