

Converting Colors

YIQ(181.1190, -43.4160,
-17.1440)

Have a look what the booklet for
YIQ(181.1190, -43.4160, -17.1440)
contains.

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Color

**YIQ(181.1190, -43.4160,
-17.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	81CCC8
RGB	129, 204, 200
RGB Percent	51%, 80%, 78%
CMY	0.4943, 0.1999, 0.2158
CMYK	0.37, 0.00, 0.02, 0.20
HSL	177°, 42%, 65%
HSV	177°, 37%, 80%
XYZ	41.0669, 52.0323, 62.4959
YIQ	181.1190, -43.4160, -17.1440

Conversions

Conversions Part 2

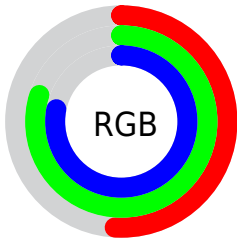
Format	Color
R _Y B	129, 168, 204
Decimal	8506568
CIE Lab	77.30, -24.16, -5.35
CIE LCh	77, 24.744, 192.484
Yxy	52.0323, 0.2639, 0.3344
Android (android.graphics.Color)	4286696648 (0xFF81CCC8)
YUV	181.1190, 9.3083, -45.7084
Hunter-Lab	72.1334, -24.6102, -0.8750

Details

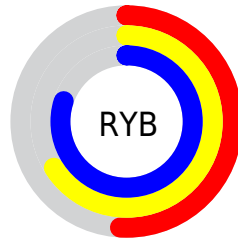
The YIQ color **181.1190, -43.4160, -17.1440** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **151.8810, 43.4160, 17.1440**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0700, -41.7200, -14.8400**, and **126.8200, -44.0120, -17.3560** is the 20% darker color. If you saturate the color by 10%, you get **175.0250, -55.0150, -21.6950**, and if you desaturate by 10%, it is **187.2130, -31.8170, -12.5930**.

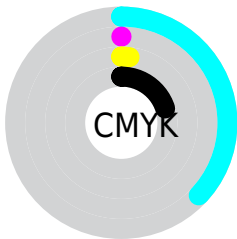
Distribution



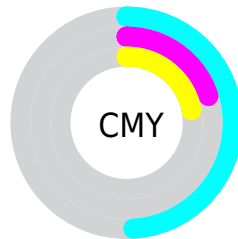
- Red (51%)
- Green (80%)
- Blue (78%)



- 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 181.1190, -43.4160, -17.1440 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 181.1190, -43.4160, -17.1440 by changing the saturation by 10% instead.

■ 181.1190,
-43.4160, -17.1440

■ 181.1190,
-43.4160, -17.1440

■ 255.0000, -0.0000,
-0.0000

■ 153.5320,
-43.1410, -16.6210

■ 234.0700,
-41.7200, -14.8400

■ 126.8200,
-44.0120, -17.3560

■ 242.4420,
-25.0320, -8.9040

■ 100.2220,
-45.2040, -17.7800

■ 251.4120, -7.1520,
-2.5440

■ 70.8620, -52.9980,
-19.7020

■ 51.6460, -43.4620,
-16.3100

■ 35.6370, -30.0750,
-11.1230

■ 21.5030, -17.8340,

-7.1940

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 181.1190,
-43.4160, -17.1440

■ 181.1190,
-43.4160, -17.1440

■ 175.0250,
-55.0150, -21.6950

■ 187.2130,
-31.8170, -12.5930

■ 168.6320,
-67.2100, -26.4580

■ 193.6060,
-19.6220, -7.8300

■ 162.5380,
-78.8090, -31.0090

■ 199.7000, -8.0230,
-3.2790

■ 156.1450,
-91.0040, -35.7720

■ 206.0930, 4.1720,
1.4840

■ 149.9370,
-102.2820, -40.6340

■ 212.1870, 15.7710,
6.0350

■ 143.8430,
-113.8810, -45.1850

■ 218.3950, 27.0490,
10.8970

■ 141.7500,
-118.0530, -46.6690

■ 219.7050, 29.1120,
12.0560

■ 219.8190, 28.7910,
12.3670

■ 219.9330, 28.4700,
12.6780

Harmonies

Analogous

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



183.1780, -24.7090, -20.2690



181.1190, -43.4160, -17.1440



182.0400, -50.2030, -9.7790

Triad

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



181.1190, -43.4160, -17.1440



194.3770, 1.0970, 18.6730



191.2470, 32.7370, -4.0870

Complementary

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



181.1190, -43.4160, -17.1440



151.8810, 43.4160, 17.1440

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



181.1190, -43.4160, -17.1440



194.8540, 21.6830, 20.0430

Square

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



181.1190, -43.4160, -17.1440



191.2430, -22.1930, 11.2390



194.6350, 35.3010, 15.5330



188.5500, 18.3420, -13.0340

Rectangle

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



181.1190, -43.4160, -17.1440



184.4090, -46.6280, -2.9800



194.6350, 35.3010, 15.5330



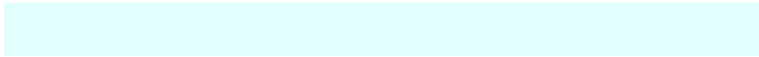
191.6220, 36.1750, -0.3130

Sweetspot

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



181.1190, -43.4160, -17.1440



246.4000, -16.0460, -6.5580



174.5200, -17.6450, -38.1650



122.8030, -9.8110, -3.9150



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.



181.1190, -43.4160, -17.1440



220.8280, -64.8260, -25.6100



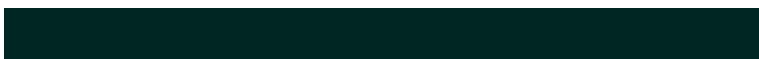
162.7910, -35.9000, 0.8360



98.8960, -5.6390, -2.4310



115.3400, -96.0470, -37.9910



26.4100, -22.0060, -8.6780

Inverse Universe

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



151.8810, 43.4160, 17.1440



177.1720, 64.8260, 25.6100



170.2090, 35.9000, -0.8360



94.9900, 5.9600, 2.1200



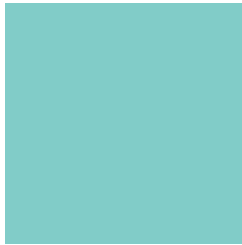
50.6600, 96.0470, 37.9910



11.5900, 22.0060, 8.6780

Previews

White Background



This preview shows how the YIQ color 181.1190, -43.4160, -17.1440 looks on a white background.

Color Contrast Check

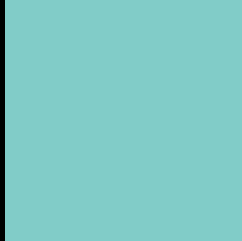
Large Text (above 18pt) WCAG AA × Fail

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 181.1190, -43.4160, -17.1440 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

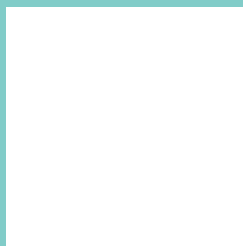
Any Text WCAG AAA ✓ Pass

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

YIQ 181.1190, -43.4160, -17.1440 Background



This preview shows how black text looks on a background with the YIQ color 181.1190, -43.4160, -17.1440.



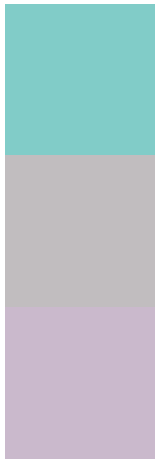
This preview shows how white text looks on a background with the YIQ color 181.1190, -43.4160, -17.1440.

-17.1440.

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

181.1190, -43.4160, -17.1440

Protanopia

190.4240, 1.7420, 1.4700

Deuteranopia

192.2490, 4.0330, 9.5130



Tritanopia

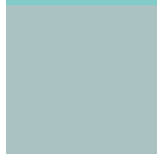
182.6060, -45.9850, -9.1290

Trichromacy



Original Color

181.1190, -43.4160, -17.1440



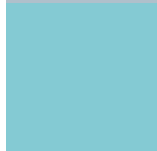
Protanomaly

186.8240, -14.3040, -5.0880



Deuteranomaly

188.1710, -13.6630, -0.1830



Tritanomaly

182.0960, -44.6090, -12.0410

Monochromacy



Original Color

181.1190, -43.4160, -17.1440



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 181.1190, -43.4160, -17.1440 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(129, 204, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 204, 200) }
```

Border

The CSS property to change the border of an element to YIQ 181.1190, -43.4160, -17.1440 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, 200) }
```


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

```
.border{ border-color:rgb(129, 204, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(129, 204,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 181.1190, -43.4160, -17.1440 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, 200) }
```

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

```
.background{ background-color: rgb(129,  
204, 200) }
```

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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