

Converting Colors

YIQ(186.9960, -38.8760,
-22.3320)

Have a look what the booklet for
YIQ(186.9960, -38.8760, -22.3320)
contains.

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Color

**YIQ(186.9960, -38.8760,
-22.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	88D4C0
RGB	136, 212, 192
RGB Percent	53%, 83%, 75%
CMY	0.4668, 0.1685, 0.2472
CMYK	0.36, 0.00, 0.09, 0.17
HSL	164°, 47%, 68%
HSV	164°, 36%, 83%
XYZ	43.2073, 56.1372, 58.4069
YIQ	186.9960, -38.8760, -22.3320

Conversions

Conversions Part 2

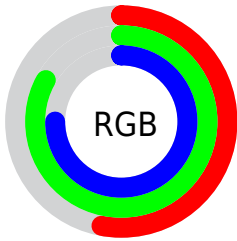
Format	Color
RYB	136, 180, 212
Decimal	8967360
CIELab	79.69, -28.01, 2.48
CIElCh	80, 28.122, 174.937
Yxy	56.1372, 0.2739, 0.3559
Android (android.graphics.Color)	4287157440 (0xFF88D4C0)
YUV	186.9960, 2.4670, -44.7235
Hunter-Lab	74.9248, -28.1818, 6.2284

Details

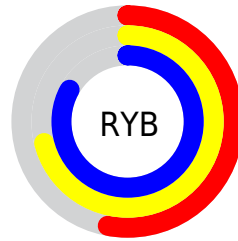
The YIQ color **186.9960, -38.8760, -22.3320** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **161.0040, 38.8760, 22.3320**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.3650, -35.3010, -15.5330**, and **132.5230, -38.9220, -21.4980** is the 20% darker color. If you saturate the color by 10%, you get **180.0330, -49.4660, -28.6500**, and if you desaturate by 10%, it is **193.9590, -28.2860, -16.0140**.

Distribution



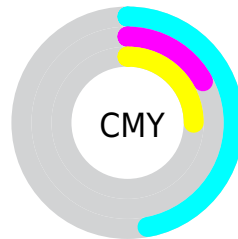
- Red (53%)
- Green (83%)
- Blue (75%)



- Red (53%)
- Yellow (71%)
- Blue (83%)



- Cyan (36%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (47%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.9960, -38.8760, -22.3320 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 186.9960, -38.8760, -22.3320 by changing the saturation by 10% instead.

■ 186.9960,
-38.8760, -22.3320

■ 186.9960,
-38.8760, -22.3320

255.0000, -0.0000,
-0.0000

■ 159.4090,
-38.6010, -21.8090

■ 235.3650,
-35.3010, -15.5330

■ 132.5230,
-38.9220, -21.4980

■ 244.5350,
-20.8600, -7.4200

■ 106.2240,
-39.5180, -21.7100

■ 253.5050, -2.9800,
-1.0600

■ 78.9570, -43.1400,
-22.1480

■ 54.9570, -43.1400,
-22.1480

■ 38.3610, -29.4780,
-16.4380

■ 23.7540, -17.2830,

-11.6750

■ 0.0000, 0.0000,
0.0000

■ 186.9960,
-38.8760, -22.3320

■ 186.9960,
-38.8760, -22.3320

■ 180.0330,
-49.4660, -28.6500

■ 193.9590,
-28.2860, -16.0140

■ 173.1840,
-60.3770, -34.6570

■ 200.8080,
-17.3750, -10.0070

■ 165.9220,
-71.5630, -41.1870

■ 208.0700, -6.1890,
-3.4770

■ 159.0730,
-82.4740, -47.1940

■ 214.9190, 4.7220,
2.5300

■ 152.1100,
-93.0640, -53.5120

■ 221.8820, 15.3120,
8.8480

■ 145.1470,
-103.6540, -59.8300

■ 226.4530, 21.1340,
13.4700

■ 142.2280,
-108.3760, -62.3600

■ 227.0230, 19.5290,
15.0250

■ 227.7070, 17.6030,
16.8910

■ 228.2770, 15.9980,
18.4460

Harmonies

Analogous

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



190.7570, -13.3380, -22.6020



186.9960, -38.8760, -22.3320



185.5890, -56.4830, -17.1150

Triad

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



186.9960, -38.8760, -22.3320



199.2380, -14.6290, 17.3310



199.0250, 42.4100, 2.3300

Complementary

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



186.9960, -38.8760, -22.3320



161.0040, 38.8760, 22.3320

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.



200.8870, 43.2790, 14.1190



186.9960, -38.8760, -22.3320



201.8730, 11.5040, 22.8000

Square

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



186.9960, -38.8760, -22.3320



193.9140, -40.4400, 6.0240



201.7690, 32.2280, 21.6680



196.6010, 31.5000, -9.2040

Rectangle

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



186.9960, -38.8760, -22.3320



186.7230, -59.5560, -10.9800



201.7690, 32.2280, 21.6680



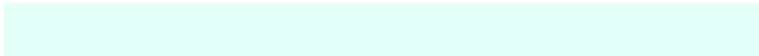
199.4430, 44.2890, 6.8250

Sweetspot

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



186.9960, -38.8760, -22.3320



245.8300, -14.4410, -8.1130



186.5920, -8.9800, -35.5080



122.3470, -8.5270, -5.1590



0.0000, 0.0000, 0.0000



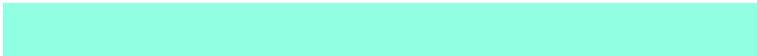
128.0000, -0.0000, -0.0000

Same Dimension

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



186.9960, -38.8760, -22.3320



218.8040, -56.2510, -32.3390



178.7100, -40.3460, -6.6980



103.3690, -5.5930, -3.2650



114.7410, -87.4710, -50.2470



28.8890, -22.0970, -12.5370

Inverse Universe

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



161.0040, 38.8760, 22.3320



181.1960, 56.2510, 32.3390



169.2900, 40.3460, 6.6980



99.6310, 5.5930, 3.2650



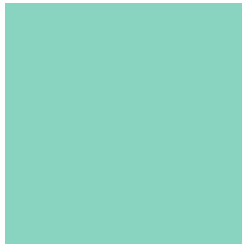
56.2590, 87.4710, 50.2470



14.1110, 22.0970, 12.5370

Previews

White Background



This preview shows how the YIQ color 186.9960, -38.8760, -22.3320 looks on a white background.

Color Contrast Check

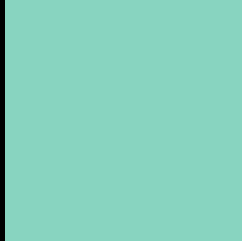
Large Text (above 18pt) WCAG AA × Fail

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 186.9960, -38.8760, -22.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

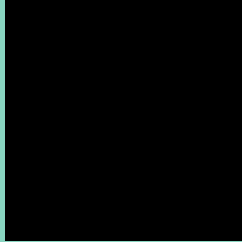
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

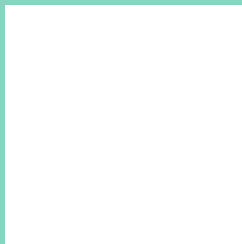
Any Text WCAG AAA ✓ Pass

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

YIQ 186.9960, -38.8760, -22.3320 Background



This preview shows how black text looks on a background with the YIQ color 186.9960, -38.8760, -22.3320.



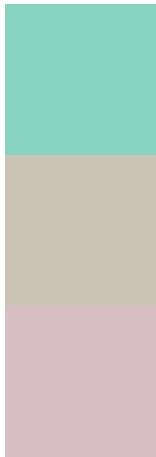
This preview shows how white text looks on a background with the YIQ color 186.9960, -38.8760, -22.3320.

-22.3320.

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

186.9960, -38.8760, -22.3320

Protanopia

196.6110, 8.3450, -2.5590

Deuteranopia

198.2730, 12.6530, 7.4770



Tritanopia

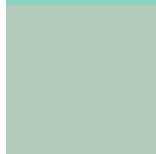
190.1010, -43.0050, -8.0690

Trichromacy



Original Color

186.9960, -38.8760, -22.3320



Protanomaly

193.2990, -8.5720, -9.8520



Deuteranomaly

194.0700, -6.1890, -3.4770



Tritanomaly

189.0100, -41.4910, -13.4830

Monochromacy



Original Color

186.9960, -38.8760, -22.3320



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

186.8300, -14.4410, -8.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.9960, -38.8760, -22.3320 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(136, 212, 192)` looks like.

```
.text, #text, p{  
    color:rgb(136, 212, 192)  
}
```

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(136, 212, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 212, 192) }
```

Border

The CSS property to change the border of an element to YIQ 186.9960, -38.8760, -22.3320 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(136, 212, 192) }
```


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

```
.border{ border-color:rgb(136, 212, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 212, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 212, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 212, 192);  
box-shadow:4px 4px 4px 4px rgb(136, 212,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 186.9960, -38.8760, -22.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 212, 192) }
```

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

```
.background{ background-color: rgb(136,  
212, 192) }
```

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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