

Converting Colors

YIQ(189.4640, -40.4340,
-27.1380)

Have a look what the booklet for
YIQ(189.4640, -40.4340, -27.1380)
contains.

YIQ(189.4640, -40.4340, -27.1380)	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(189.4640, -40.4340,
-27.1380)**

Conversions

Conversions Part 1

Format	Color
Hex	86DABC
RGB	134, 218, 188
RGB Percent	53%, 85%, 74%
CMY	0.4747, 0.1449, 0.2629
CMYK	0.39, 0.00, 0.14, 0.14
HSL	159°, 53%, 69%
HSV	159°, 39%, 86%
XYZ	43.9765, 58.8542, 56.5994
YIQ	189.4640, -40.4340, -27.1380

Conversions

Conversions Part 2

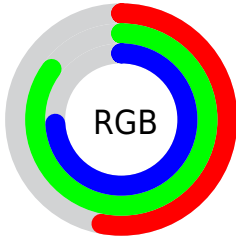
Format	Color
RYB	134, 185, 218
Decimal	8837820
CIELab	81.21, -32.29, 6.80
CIElCh	81, 33.001, 168.117
Yxy	58.8542, 0.2758, 0.3692
Android (android.graphics.Color)	4287027900 (0xFF86DABC)
YUV	189.4640, -0.7218, -48.6419
Hunter-Lab	76.7165, -31.9315, 9.9590

Details

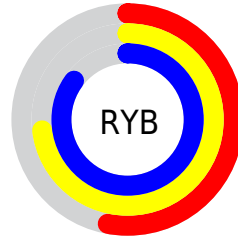
The YIQ color **189.4640, -40.4340, -27.1380** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **162.5360, 40.4340, 27.1380**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.3110, -35.2090, -17.2010**, and **134.6920, -41.0760, -26.5160** is the 20% darker color. If you saturate the color by 10%, you get **181.9740, -50.9780, -34.2900**, and if you desaturate by 10%, it is **196.9540, -29.8900, -19.9860**.

Distribution



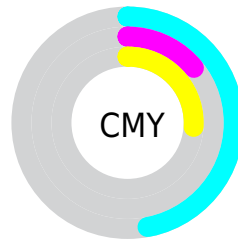
- Red (53%)
- Green (85%)
- Blue (74%)



- Red (53%)
- Yellow (73%)
- Blue (85%)



- Cyan (39%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)



- Cyan (47%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.4640, -40.4340, -27.1380 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 189.4640, -40.4340, -27.1380 by changing the saturation by 10% instead.

■ 189.4640,
-40.4340, -27.1380

■ 189.4640,
-40.4340, -27.1380

■ 255.0000, -0.0000,
-0.0000

■ 161.8770,
-40.1590, -26.6150

■ 234.3110,
-35.2090, -17.2010

■ 134.6920,
-41.0760, -26.5160

■ 244.2360,
-21.4560, -7.6320

■ 107.5070,
-41.9930, -26.4170

■ 252.9070, -4.1720,
-1.4840

■ 79.3430, -47.4030,
-27.4910

■ 56.9630, -43.2770,
-25.1730

■ 40.9540, -29.8900,
-19.9860

■ 25.7600, -17.4200,

-14.7000

■ 4.6960, -2.2000,
-4.1840

■ 0.0000, 0.0000,
0.0000

■ 189.4640,
-40.4340, -27.1380

■ 189.4640,
-40.4340, -27.1380

■ 181.9740,
-50.9780, -34.2900

■ 196.9540,
-29.8900, -19.9860

■ 174.4840,
-61.5220, -41.4420

■ 204.4440,
-19.3460, -12.8340

■ 167.4070,
-71.7910, -48.0710

■ 211.5210, -9.0770,
-6.2050

■ 159.9170,
-82.3350, -55.2230

■ 219.0110, 1.4670,
0.9470

■ 152.4270,
-92.8790, -62.3750

■ 226.5010, 12.0110,
8.0990

■ 144.9370,
-103.4230, -69.5270

■ 231.0010, 16.5950,
13.1310

■ 143.9260,
-104.8900, -70.4740

■ 231.9130, 14.0270,
15.6190

■ 232.7110, 11.7800,
17.7960

■ 233.2810, 10.1750,
19.3510

Harmonies

Analogous

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



194.3890, -9.4860, -26.3340



189.4640, -40.4340, -27.1380



185.9250, -66.4770, -23.2210

Triad

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



189.4640, -40.4340, -27.1380



201.8070, -23.6610, 15.8190



203.3250, 50.4330, 5.6090

Complementary

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



189.4640, -40.4340, -27.1380



162.5360, 40.4340, 27.1380

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.



202.2940, 43.6910, 17.6670



189.4640, -40.4340, -27.1380



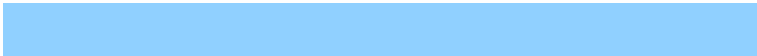
205.9420, 7.0560, 26.3200

Square

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



189.4640, -40.4340, -27.1380



194.2220, -53.2310, 1.0490



206.4150, 33.4650, 26.7850



201.5050, 40.5780, -8.5260

Rectangle

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



189.4640, -40.4340, -27.1380



186.0200, -73.8140, -16.9020



206.4150, 33.4650, 26.7850



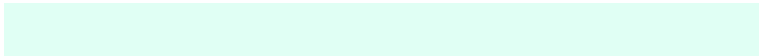
202.4760, 48.6900, 9.6660

Sweetspot

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



189.4640, -40.4340, -27.1380



244.4770, -14.9450, -9.9930



192.5770, -4.6240, -37.3600



121.8200, -8.4810, -5.9930



0.0000, 0.0000, 0.0000



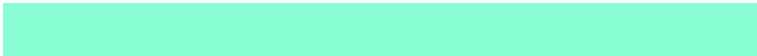
128.0000, -0.0000, -0.0000

Same Dimension

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



189.4640, -40.4340, -27.1380



215.2290, -56.2500, -37.8660



186.4270, -47.0390, -12.0550



106.2550, -5.2720, -3.5760



114.2050, -83.2060, -55.9580



30.3080, -21.9590, -15.0390

Inverse Universe

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



162.5360, 40.4340, 27.1380



177.7710, 56.2500, 37.8660



165.5730, 47.0390, 12.0550



102.7450, 5.2720, 3.5760



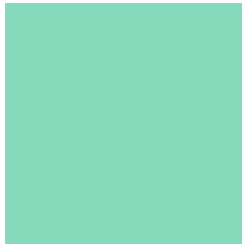
58.7950, 83.2060, 55.9580



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 189.4640, -40.4340, -27.1380 looks on a white background.

Color Contrast Check

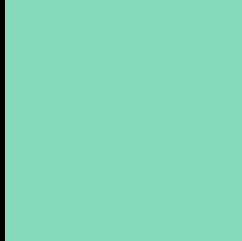
Large Text (above 18pt) WCAG AA × Fail

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 189.4640, -40.4340, -27.1380 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

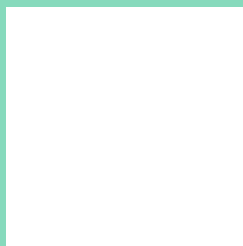
Any Text WCAG AAA ✓ Pass

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

YIQ 189.4640, -40.4340, -27.1380 Background



This preview shows how black text looks on a background with the YIQ color 189.4640, -40.4340, -27.1380.



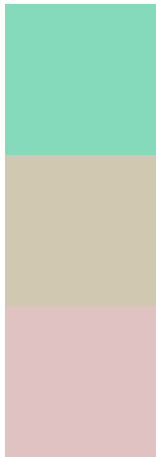
This preview shows how white text looks on a background with the YIQ color 189.4640, -40.4340, -27.1380.

-27.1380.

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

189.4640, -40.4340, -27.1380

Protanopia

200.1830, 12.4260, -4.9340

Deuteranopia

202.5570, 17.6050, 5.8370



Tritanopia

193.6060, -45.9850, -9.1290

Trichromacy



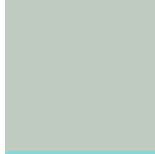
Original Color

189.4640, -40.4340, -27.1380



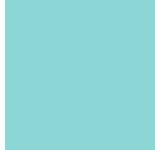
Protanomaly

196.6750, -6.8750, -13.0750



Deuteranomaly

198.0440, -3.3000, -6.2760



Tritanomaly

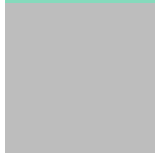
191.8740, -44.1040, -15.6880

Monochromacy



Original Color

189.4640, -40.4340, -27.1380



Achromatopsia

189.0000, -0.0000, -0.0000



Achromatomaly

189.4770, -14.9450, -9.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.4640, -40.4340, -27.1380 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(134, 218, 188)` looks like.

```
.text, #text, p{  
    color:rgb(134, 218, 188)  
}
```

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(134, 218, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 218, 188) }
```

Border

The CSS property to change the border of an element to YIQ 189.4640, -40.4340, -27.1380 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(134, 218, 188) }
```


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

```
.border{ border-color:rgb(134, 218, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 218, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 218, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 218, 188);  
box-shadow:4px 4px 4px 4px rgb(134, 218,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 189.4640, -40.4340, -27.1380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 218, 188) }
```

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

```
.background{ background-color: rgb(134,  
218, 188) }
```

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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