

Converting Colors

YIQ(215.8680, -17.6040,
-11.3640)

Have a look what the booklet for
YIQ(215.8680, -17.6040, -11.3640)
contains.

YIQ(215.8680, -17.6040, -11.3640)	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(215.8680, -17.6040,
-11.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E4D8
RGB	192, 228, 216
RGB Percent	75%, 89%, 85%
CMY	0.2471, 0.1058, 0.1530
CMYK	0.16, 0.00, 0.05, 0.11
HSL	160°, 40%, 82%
HSV	160°, 16%, 89%
XYZ	61.8724, 71.6556, 75.5252
YIQ	215.8680, -17.6040, -11.3640

Conversions

Conversions Part 2

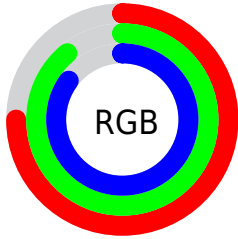
Format	Color
RYB	192, 214, 228
Decimal	12641496
CIELab	87.80, -14.09, 1.93
CIElCh	88, 14.222, 172.205
Yxy	71.6556, 0.2960, 0.3428
Android (android.graphics.Color)	4290831576 (0xFFC0E4D8)
YUV	215.8680, 0.0651, -20.9322
Hunter-Lab	84.6496, -17.6668, 6.3556

Details

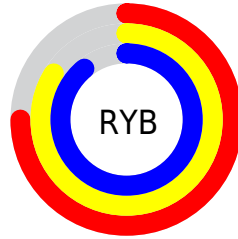
The YIQ color **215.8680, -17.6040, -11.3640** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **204.1320, 17.6040, 11.3640**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.2060, -3.5760, -1.2720**, and **161.1670, -17.0080, -11.1520** is the 20% darker color. If you saturate the color by 10%, you get **208.0790, -28.7440, -18.7280**, and if you desaturate by 10%, it is **223.6570, -6.4640, -4.0000**.

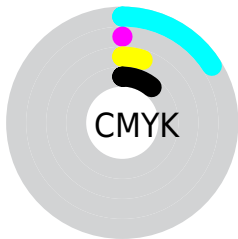
Distribution



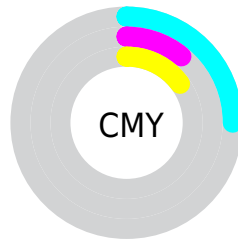
- Red (75%)
- Green (89%)
- Blue (85%)



- Red (75%)
- Yellow (84%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.8680, -17.6040, -11.3640 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 215.8680, -17.6040, -11.3640 by changing the saturation by 10% instead.

■ 215.8680,
-17.6040, -11.3640

■ 215.8680,
-17.6040, -11.3640

■ 255.0000, -0.0000,
-0.0000

■ 188.1670,
-17.0080, -11.1520

■ 253.2060, -3.5760,
-1.2720

■ 161.1670,
-17.0080, -11.1520

■ 134.5800,
-16.7330, -10.6290

■ 108.9930,
-16.4580, -10.1060

■ 84.2920, -15.8620,
-9.8940

■ 61.2920, -15.8620,
-9.8940

■ 38.7050, -15.5870,

-9.3710

■ 18.7160, -14.1200,
-8.4240

■ 0.0000, 0.0000,
0.0000

■ 215.8680,
-17.6040, -11.3640

■ 215.8680,
-17.6040, -11.3640

■ 208.0790,
-28.7440, -18.7280

■ 223.6570, -6.4640,
-4.0000

■ 200.4040,
-40.2050, -25.7810

■ 231.3320, 4.9970,
3.0530

■ 192.9140,
-50.7490, -32.9330

■ 237.3270, 12.5610,
9.1450

■ 185.2390,
-62.2100, -39.9860

■ 238.1250, 10.3140,
11.3220

■ 177.4500,
-73.3500, -47.3500

■ 239.0370, 7.7460,
13.8100

■ 169.6610,
-84.4900, -54.7140

■ 239.1510, 7.4250,
14.1210

■ 161.9860,
-95.9510, -61.7670

■ 154.4960,
-106.4950, -68.9190

■ 151.1640,
-111.4920, -71.9720

Harmonies

Analogous

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



217.0990, -5.1330, -11.6050



215.8680, -17.6040, -11.3640



215.6700, -25.6740, -8.2820

Triad

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



215.8680, -17.6040, -11.3640



221.0780, -8.6670, 8.3970



221.5590, 23.2910, 1.9070

Complementary

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



215.8680, -17.6040, -11.3640



204.1320, 17.6040, 11.3640

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.



222.2480, 22.9690, 7.7450



215.8680, -17.6040, -11.3640



222.9010, 5.1330, 11.6050

Square

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



215.8680, -17.6040, -11.3640



218.8700, -19.9450, 3.5350



222.9470, 16.6870, 11.4630



220.3470, 17.8360, -3.8600

Rectangle

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



215.8680, -17.6040, -11.3640



216.2940, -27.3710, -5.0590



222.9470, 16.6870, 11.4630



222.3250, 24.0700, 4.3100

Sweetspot

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



215.8680, -17.6040, -11.3640



250.6570, -6.4640, -4.0000



217.0190, -2.1520, -16.0720



125.2660, -3.8050, -2.6290



0.0000, 0.0000, 0.0000



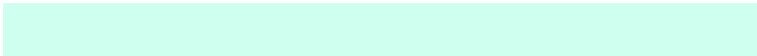
128.0000, -0.0000, -0.0000

Same Dimension

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



215.8680, -17.6040, -11.3640



238.8240, -23.4720, -15.1520



214.3010, -20.0810, -5.0170



110.9560, -5.8680, -3.7880



118.6390, -87.4240, -56.6080



33.8130, -24.9390, -16.0990

Inverse Universe

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



204.1320, 17.6040, 11.3640



223.1760, 23.4720, 15.1520



205.6990, 20.0810, 5.0170



107.0440, 5.8680, 3.7880



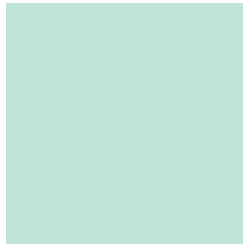
60.3610, 87.4240, 56.6080



17.1870, 24.9390, 16.0990

Previews

White Background



This preview shows how the YIQ color 215.8680, -17.6040, -11.3640 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 215.8680, -17.6040, -11.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

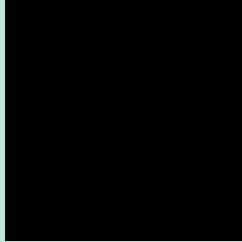
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

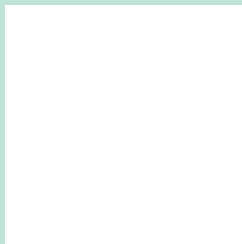
Any Text WCAG AAA ✓ Pass

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

YIQ 215.8680, -17.6040, -11.3640 Background



This preview shows how black text looks on a background with the YIQ color 215.8680, -17.6040, -11.3640.



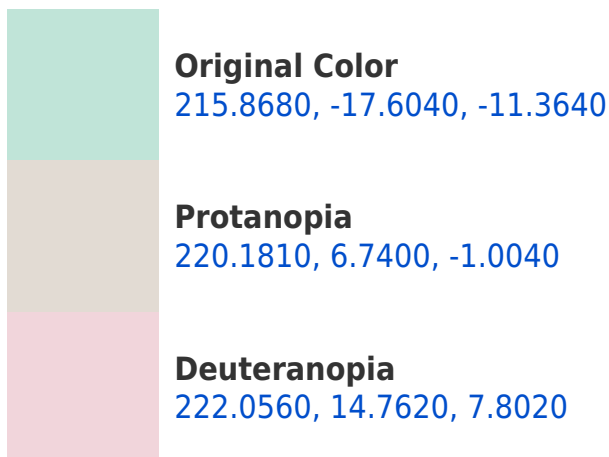
This preview shows how white text looks on a background with the YIQ color 215.8680, -17.6040, -11.3640.

-11.3640.

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

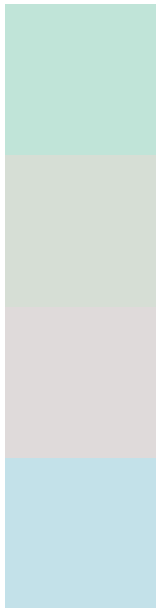




Tritanopia

217.9790, -21.8700, -0.1260

Trichromacy



Original Color

215.8680, -17.6040, -11.3640

Protanomaly

218.5820, -1.8790, -4.4950

Deuteranomaly

219.4950, 2.9800, 1.0600

Tritanomaly

216.9420, -20.4480, -3.8720

Monochromacy



Original Color

215.8680, -17.6040, -11.3640

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.6570, -6.4640, -4.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.8680, -17.6040, -11.3640 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(192, 228, 216)` looks like.

```
.text, #text, p{  
    color:rgb(192, 228, 216)  
}
```

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(192, 228, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 228, 216) }
```

Border

The CSS property to change the border of an element to YIQ 215.8680, -17.6040, -11.3640 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(192, 228, 216) }
```


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

```
.border{ border-color:rgb(192, 228, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 228, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 228, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 228, 216);  
box-shadow:4px 4px 4px 4px rgb(192, 228,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 215.8680, -17.6040, -11.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 228, 216) }
```

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

```
.background{ background-color: rgb(192,  
228, 216) }
```

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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