

Converting Colors

YIQ(223.8680, -17.6040,
-11.3640)

Have a look what the booklet for
YIQ(223.8680, -17.6040, -11.3640)
contains.

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Color

**YIQ(223.8680, -17.6040,
-11.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	C8ECE0
RGB	200, 236, 224
RGB Percent	78%, 93%, 88%
CMY	0.2158, 0.0744, 0.1216
CMYK	0.15, 0.00, 0.05, 0.07
HSL	160°, 49%, 85%
HSV	160°, 15%, 93%
XYZ	67.2653, 77.6567, 81.9540
YIQ	223.8680, -17.6040, -11.3640

Conversions

Conversions Part 2

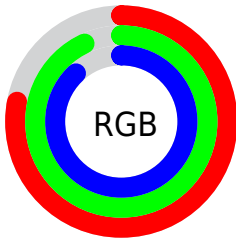
Format	Color
R _Y B	200, 222, 236
Decimal	13167840
CIE Lab	90.62, -14.01, 1.90
CIE LCh	91, 14.136, 172.257
Yxy	77.6567, 0.2965, 0.3423
Android (android.graphics.Color)	4291357920 (0xFFC8ECE0)
YUV	223.8680, 0.0651, -20.9322
Hunter-Lab	88.1230, -17.9642, 6.5467

Details

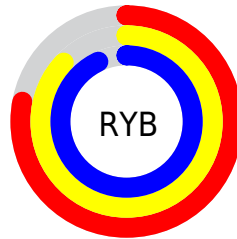
The YIQ color **223.8680, -17.6040, -11.3640** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **212.1320, 17.6040, 11.3640**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **168.5800, -16.7330, -10.6290** is the 20% darker color. If you saturate the color by 10%, you get **215.7800, -29.3400, -18.9400**, and if you desaturate by 10%, it is **231.9560, -5.8680, -3.7880**.

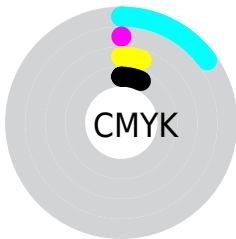
Distribution



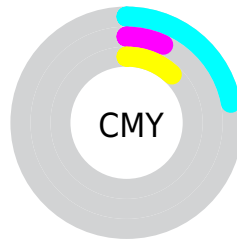
- Red (78%)
- Green (93%)
- Blue (88%)



- Red (78%)
- Yellow (87%)
- Blue (93%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (22%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.8680, -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 223.8680, -17.6040, -11.3640 by changing the saturation by 10% instead.

■ 223.8680,
-17.6040, -11.3640

■ 223.8680,
-17.6040, -11.3640

255.0000, -0.0000,
-0.0000

■ 195.8680,
-17.6040, -11.3640

■ 168.5800,
-16.7330, -10.6290

■ 141.8790,
-16.1370, -10.4170

■ 116.2920,
-15.8620, -9.8940

■ 91.2920, -15.8620,
-9.8940

■ 67.7050, -15.5870,
-9.3710

■ 44.8190, -15.9080,

-9.0600

■ 23.8190, -15.9080,
-9.0600

■ 2.3480, -1.1000,
-2.0920

■ 223.8680,
-17.6040, -11.3640

■ 223.8680,
-17.6040, -11.3640

■ 215.7800,
-29.3400, -18.9400

■ 231.9560, -5.8680,
-3.7880

■ 207.9910,
-40.4800, -26.3040

■ 239.7450, 5.2720,
3.5760

■ 199.9030,
-52.2160, -33.8800

■ 243.0490, 7.4720,
7.7600

■ 192.1140,
-63.3560, -41.2440

■ 243.8470, 5.2250,
9.9370

■ 184.1400,
-75.4130, -48.5090

■ 176.0520,
-87.1490, -56.0850

■ 168.2630,
-98.2890, -63.4490

■ 160.1750,
-110.0250, -71.0250

■ 156.4300,
-115.2970, -74.6010

Harmonies

Analogous

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



225.0990, -5.1330, -11.6050



223.8680, -17.6040, -11.3640



223.6700, -25.6740, -8.2820

Triad

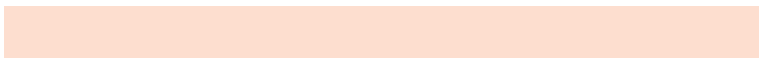
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.8680, -17.6040, -11.3640



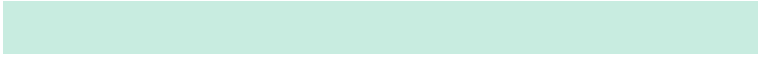
229.3770, -8.0710, 8.6090



229.5590, 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.



223.8680, -17.6040, -11.3640



212.1320, 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.



229.6500, 21.7770, 7.3210



223.8680, -17.6040, -11.3640



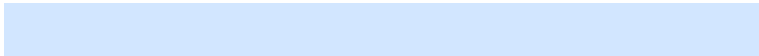
230.9010, 5.1330, 11.6050

Square

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



223.8680, -17.6040, -11.3640



226.8700, -19.9450, 3.5350



230.9470, 16.6870, 11.4630



228.3470, 17.8360, -3.8600

Rectangle

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



223.8680, -17.6040, -11.3640



224.2940, -27.3710, -5.0590



230.9470, 16.6870, 11.4630



229.9120, 23.7950, 3.7870

Sweetspot

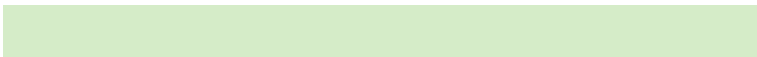
The Sweet Spot groups the original color and five complimentary colors.



223.8680, -17.6040, -11.3640



250.6570, -6.4640, -4.0000



225.0190, -2.1520, -16.0720



125.2660, -3.8050, -2.6290



0.0000, 0.0000, 0.0000



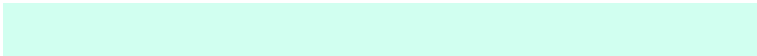
128.0000, -0.0000, -0.0000

Same Dimension

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



223.8680, -17.6040, -11.3640



239.5360, -22.6010, -14.4170



222.3010, -20.0810, -5.0170



113.2550, -5.2720, -3.5760



120.0410, -88.6160, -57.0320



35.8020, -26.4060, -17.0460

Inverse Universe

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



212.1320, 17.6040, 11.3640



224.4640, 22.6010, 14.4170



213.6990, 20.0810, 5.0170



109.6310, 5.5930, 3.2650



60.9590, 88.6160, 57.0320



18.1980, 26.4060, 17.0460

Previews

White Background



This preview shows how the YIQ color 223.8680, -17.6040, -11.3640 looks on a white background.

Color Contrast Check

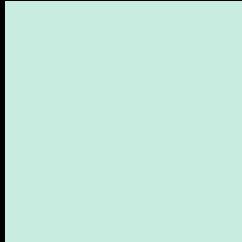
Large Text (above 18pt) WCAG AA × Fail

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 223.8680, -17.6040, -11.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

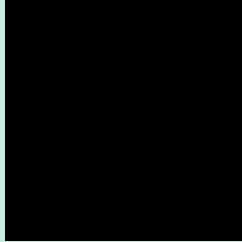
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

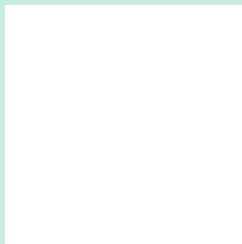
Any Text WCAG AAA ✓ Pass

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

YIQ 223.8680, -17.6040, -11.3640 Background



This preview shows how black text looks on a background with the YIQ color 223.8680, -17.6040, -11.3640.



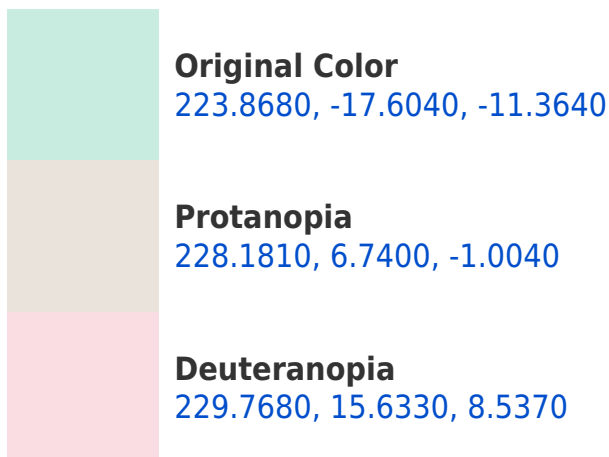
This preview shows how white text looks on a background with the YIQ color 223.8680, -17.6040, -11.3640.

-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

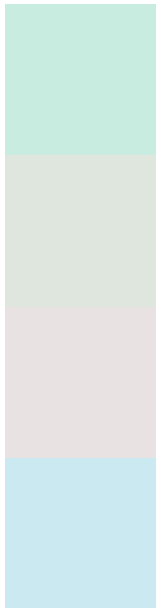




Tritanopia

226.0930, -22.1910, 0.1850

Trichromacy



Original Color

223.8680, -17.6040, -11.3640

Protanomaly

226.5820, -1.8790, -4.4950

Deuteranomaly

227.7940, 3.5760, 1.2720

Tritanomaly

224.9420, -20.4480, -3.8720

Monochromacy



Original Color

223.8680, -17.6040, -11.3640

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.6570, -6.4640, -4.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.8680, -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(200, 236, 224)` looks like.

```
.text, #text, p{  
    color:rgb(200, 236, 224)  
}
```

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(200, 236, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 236, 224) }
```

Border

The CSS property to change the border of an element to YIQ 223.8680, -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(200, 236, 224) }
```


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

```
.border{ border-color:rgb(200, 236, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 236, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 236, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 236, 224);  
box-shadow:4px 4px 4px 4px rgb(200, 236,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 223.8680, -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(200, 236, 224) }
```

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

```
.background{ background-color: rgb(200,  
236, 224) }
```

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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