

Converting Colors

YIQ(219.8950, -13.0660,
-5.4980)

Have a look what the booklet for
YIQ(219.8950, -13.0660, -5.4980)
contains.

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Color

**YIQ(219.8950, -13.0660,
-5.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE3E1
RGB	204, 227, 225
RGB Percent	80%, 89%, 88%
CMY	0.2000, 0.1097, 0.1177
CMYK	0.10, 0.00, 0.01, 0.11
HSL	175°, 29%, 85%
HSV	175°, 10%, 89%
XYZ	65.9585, 73.2144, 81.8804
YIQ	219.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

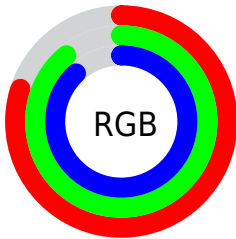
Format	Color
R_{YB}	204, 216, 227
Decimal	13427681
CIE _{Lab}	88.55, -7.98, -1.62
CIE _{LCh}	89, 8.137, 191.450
Y _{xy}	73.2144, 0.2984, 0.3312
Android (android.graphics.Color)	4291617761 (0xFFCCE3E1)
YUV	219.8950, 2.5168, -13.9399
Hunter-Lab	85.5654, -12.1418, 3.1592

Details

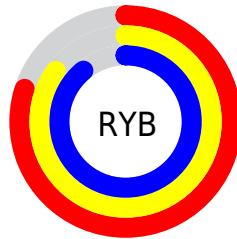
The YIQ color **219.8950, -13.0660, -5.4980** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211.1050, 13.0660, 5.4980**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **165.1940, -12.4700, -5.2860** is the 20% darker color. If you saturate the color by 10%, you get **212.7900, -26.1320, -10.9960**, and if you desaturate by 10%, it is **227.0000, -0.0000, -0.0000**.

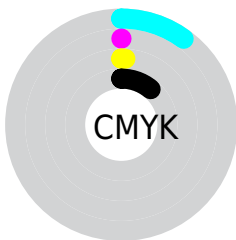
Distribution



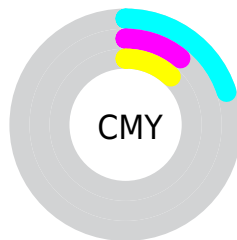
- Red (80%)
- Green (89%)
- Blue (88%)



- Red (80%)
- Yellow (85%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.8950, -13.0660, -5.4980 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 219.8950, -13.0660, -5.4980 by changing the saturation by 10% instead.

■ 219.8950,
-13.0660, -5.4980

■ 219.8950,
-13.0660, -5.4980

255.0000, -0.0000,
-0.0000

■ 191.8950,
-13.0660, -5.4980

■ 165.1940,
-12.4700, -5.2860

■ 138.4930,
-11.8740, -5.0740

■ 112.9060,
-11.5990, -4.5510

■ 88.7920, -11.2780,
-4.8620

■ 65.2050, -11.0030,
-4.3390

■ 43.0910, -10.6820,

-4.6500

■ 21.9060, -11.5990,
-4.5510

■ 0.0000, 0.0000,
0.0000

■ 219.8950,
-13.0660, -5.4980

■ 219.8950,
-13.0660, -5.4980

■ 212.7900,
-26.1320, -10.9960

■ 227.0000, -0.0000,
-0.0000

■ 205.9840,
-38.6020, -16.2820

■ 233.8060, 12.4700,
5.2860

■ 198.8790,
-51.6680, -21.7800

■ 235.8280, 15.4040,
7.1800

■ 191.7740,
-64.7340, -27.2780

■ 236.0560, 14.7620,
7.8020

■ 184.6690,
-77.8000, -32.7760

■ 236.2840, 14.1200,
8.4240

■ 177.8630,
-90.2700, -38.0620

■ 236.5120, 13.4780,
9.0460

■ 170.7580,
-103.3360, -43.5600

■ 236.7400, 12.8360,
9.6680

■ 163.6530,
-116.4020, -49.0580

■ 236.9680, 12.1940,
10.2900

■ 156.8470,
-128.8720, -54.3440

■ 237.1960, 11.5520,
10.9120

Harmonies

Analogous

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



220.4780, -7.5180, -6.9260



219.8950, -13.0660, -5.4980



220.1060, -15.0380, -2.7980

Triad

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



219.8950, -13.0660, -5.4980



223.4010, 0.5490, 6.5730



222.8180, 12.1960, -0.7640

Complementary

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



219.8950, -13.0660, -5.4980



211.1050, 13.0660, 5.4980

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.



223.5950, 14.4420, 2.5860



219.8950, -13.0660, -5.4980



224.1090, 7.2430, 6.4030

Square

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



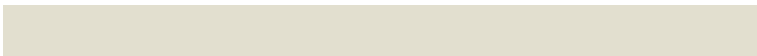
219.8950, -13.0660, -5.4980



222.5140, -7.1990, 3.8170



223.8060, 12.4700, 5.2860



222.0730, 6.9240, -4.3400

Rectangle

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



219.8950, -13.0660, -5.4980



220.8720, -14.2590, -0.3950



223.8060, 12.4700, 5.2860



222.9430, 13.3420, 0.4940

Sweetspot

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



219.8950, -13.0660, -5.4980



252.4940, -4.4470, -2.0070



218.0990, -5.1330, -11.6050



126.0920, -3.2550, -1.5830



0.0000, 0.0000, 0.0000



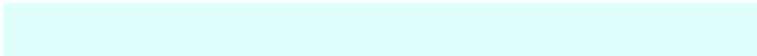
128.0000, -0.0000, -0.0000

Same Dimension

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



219.8950, -13.0660, -5.4980



245.3890, -17.5130, -7.5050



214.8400, -11.2330, -0.1690



111.2980, -6.8310, -2.8550



123.6550, -101.5480, -42.9240



35.2950, -29.1120, -12.0560

Inverse Universe

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



211.1050, 13.0660, 5.4980



233.6110, 17.5130, 7.5050



216.1600, 11.2330, 0.1690



106.7020, 6.8310, 2.8550



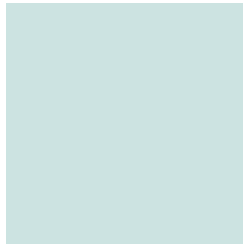
55.3450, 101.5480, 42.9240



15.7050, 29.1120, 12.0560

Previews

White Background



This preview shows how the YIQ color 219.8950, -13.0660, -5.4980 looks on a white background.

Color Contrast Check

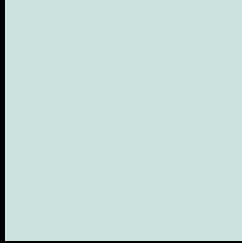
Large Text (above 18pt) WCAG AA × Fail

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 219.8950, -13.0660, -5.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

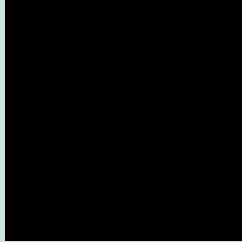
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

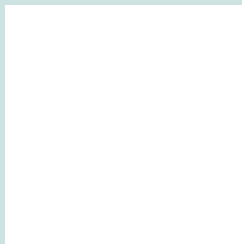
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.8950, -13.0660, -5.4980

Background



This preview shows how black text looks on a background with the YIQ color 219.8950, -13.0660, -5.4980.



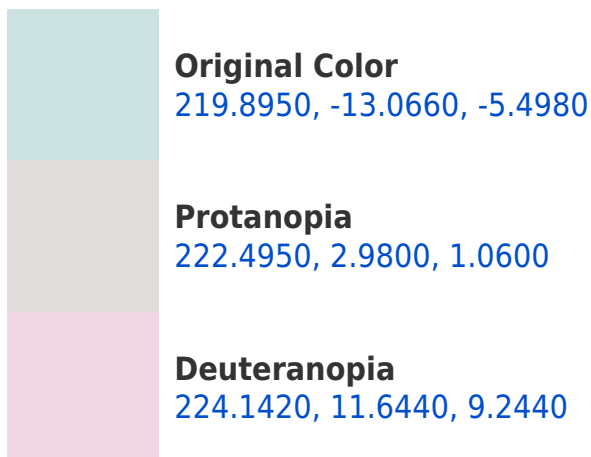
This preview shows how white text looks on a background with the YIQ color 219.8950, -13.0660, -5.4980.

-5.4980.

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

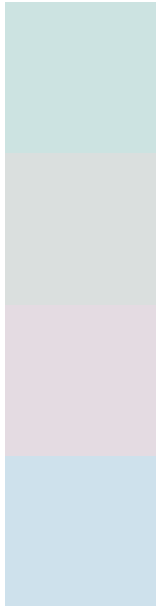




Tritanopia

220.9690, -15.9100, 1.9940

Trichromacy



Original Color

219.8950, -13.0660, -5.4980

Protanomaly

221.3910, -2.6590, -1.3710

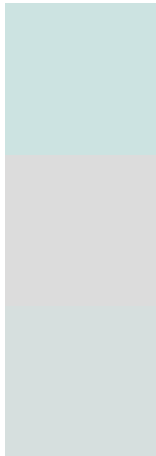
Deuteranomaly

222.4890, 3.1170, 4.0850

Tritanomaly

220.5730, -14.8550, -0.6070

Monochromacy



Original Color

219.8950, -13.0660, -5.4980

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.1950, -5.0430, -2.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.8950, -13.0660, -5.4980 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(204, 227, 225)` looks like.

```
.text, #text, p{  
    color:rgb(204, 227, 225)  
}
```

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(204, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 227, 225) }
```

Border

The CSS property to change the border of an element to YIQ 219.8950, -13.0660, -5.4980 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(204, 227, 225) }
```


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

```
.border{ border-color:rgb(204, 227, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 227, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 227, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 227, 225);  
box-shadow:4px 4px 4px 4px rgb(204, 227,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 219.8950, -13.0660, -5.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 227, 225) }
```

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

```
.background{ background-color: rgb(204,  
227, 225) }
```

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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