

Converting Colors

YIQ(213.5090, -17.9710,
-10.2190)

Have a look what the booklet for
YIQ(213.5090, -17.9710, -10.2190)
contains.

YIQ(213.5090, -17.9710, -10.2190)	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(213.5090, -17.9710,
-10.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE1D8
RGB	190, 225, 216
RGB Percent	75%, 88%, 85%
CMY	0.2550, 0.1176, 0.1530
CMYK	0.16, 0.00, 0.04, 0.12
HSL	165°, 37%, 81%
HSV	165°, 16%, 88%
XYZ	60.5513, 69.7596, 75.2282
YIQ	213.5090, -17.9710, -10.2190

Conversions

Conversions Part 2

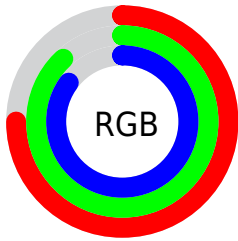
Format	Color
RYB	190, 210, 225
Decimal	12509656
CIELab	86.88, -13.22, 0.57
CIELCh	87, 13.228, 177.536
Yxy	69.7596, 0.2946, 0.3394
Android (android.graphics.Color)	4290699736 (0xFFBEE1D8)
YUV	213.5090, 1.2281, -20.6174
Hunter-Lab	83.5222, -16.7564, 5.0633

Details

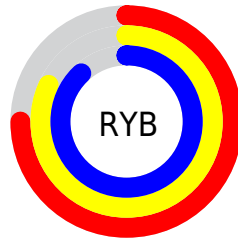
The YIQ color **213.5090, -17.9710, -10.2190** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **201.4910, 17.9710, 10.2190**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6080, -4.7680, -1.6960**, and **158.8080, -17.3750, -10.0070** is the 20% darker color. If you saturate the color by 10%, you get **205.9480, -29.7530, -16.9610**, and if you desaturate by 10%, it is **220.7710, -6.7850, -3.6890**.

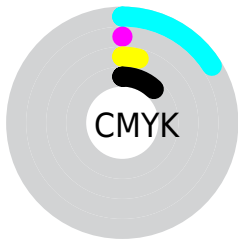
Distribution



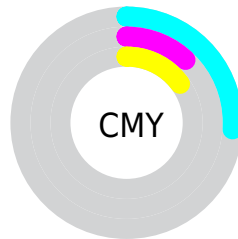
- Red (75%)
- Green (88%)
- Blue (85%)



- Red (75%)
- Yellow (82%)
- Blue (88%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (26%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.5090, -17.9710, -10.2190 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 213.5090, -17.9710, -10.2190 by changing the saturation by 10% instead.

■ 213.5090,
-17.9710, -10.2190

■ 213.5090,
-17.9710, -10.2190

■ 255.0000, -0.0000,
-0.0000

■ 185.8080,
-17.3750, -10.0070

■ 252.6080, -4.7680,
-1.6960

■ 158.8080,
-17.3750, -10.0070

■ 132.2210,
-17.1000, -9.4840

■ 107.5200,
-16.5040, -9.2720

■ 82.8190, -15.9080,
-9.0600

■ 59.2320, -15.6330,
-8.5370

■ 36.9330, -16.2290,

-8.7490

■ 18.1290, -13.8450,
-7.9010

■ 0.0000, 0.0000,
0.0000

■ 213.5090,
-17.9710, -10.2190

■ 213.5090,
-17.9710, -10.2190

■ 205.9480,
-29.7530, -16.9610

■ 220.7710, -6.7850,
-3.6890

■ 198.6860,
-40.9390, -23.4910

■ 228.3320, 4.9970,
3.0530

■ 191.2390,
-53.0420, -29.9220

■ 234.8820, 15.3120,
8.8480

■ 183.9770,
-64.2280, -36.4520

■ 235.5660, 13.3860,
10.7140

■ 176.4160,
-76.0100, -43.1940

■ 236.2500, 11.4600,
12.5800

■ 169.1540,
-87.1960, -49.7240

■ 236.9340, 9.5340,
14.4460

■ 161.5930,
-98.9780, -56.4660

■ 237.3900, 8.2500,
15.6900

■ 154.4450,
-110.4850, -62.6850

■ 151.1130,
-115.4820, -65.7380

Harmonies

Analogous

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



214.2560, -7.0130, -10.5730



213.5090, -17.9710, -10.2190



213.7950, -24.5280, -7.0240

Triad

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



213.5090, -17.9710, -10.2190



219.0460, -5.6410, 8.6230



218.6620, 21.5030, 1.2710

Complementary

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



213.5090, -17.9710, -10.2190



201.4910, 17.9710, 10.2190

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.



220.0090, 22.1440, 6.1760



213.5090, -17.9710, -10.2190



219.8580, 6.6920, 10.8840

Square

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



213.5090, -17.9710, -10.2190



216.8380, -16.9190, 3.7610



220.0070, 16.4580, 10.1060



217.2650, 15.1310, -4.3970

Rectangle

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



213.5090, -17.9710, -10.2190



214.0170, -25.0330, -3.3770



220.0070, 16.4580, 10.1060



219.0150, 22.0070, 3.1510

Sweetspot

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



213.5090, -17.9710, -10.2190



250.7710, -6.7850, -3.6890



213.2360, -4.2610, -16.3970



125.3800, -4.1260, -2.3180



0.0000, 0.0000, 0.0000



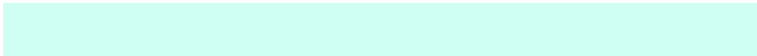
128.0000, -0.0000, -0.0000

Same Dimension

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



213.5090, -17.9710, -10.2190



239.2800, -24.7560, -13.9080



209.8390, -18.6600, -3.2360



108.3690, -5.5930, -3.2650



118.2460, -90.4510, -51.3070



32.2800, -24.7560, -13.9080

Inverse Universe

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



201.4910, 17.9710, 10.2190



222.7200, 24.7560, 13.9080



205.1610, 18.6600, 3.2360



104.6310, 5.5930, 3.2650



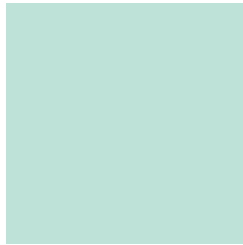
57.7540, 90.4510, 51.3070



15.7200, 24.7560, 13.9080

Previews

White Background



This preview shows how the YIQ color 213.5090, -17.9710, -10.2190 looks on a white background.

Color Contrast Check

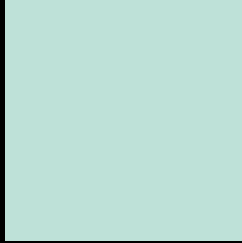
Large Text (above 18pt) WCAG AA × Fail

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 213.5090, -17.9710, -10.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

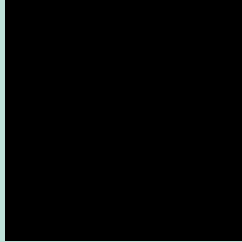
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

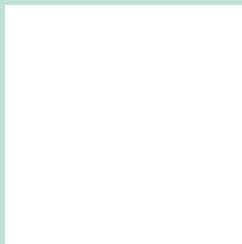
Any Text WCAG AAA ✓ Pass

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

YIQ 213.5090, -17.9710, -10.2190 Background



This preview shows how black text looks on a background with the YIQ color 213.5090, -17.9710, -10.2190.



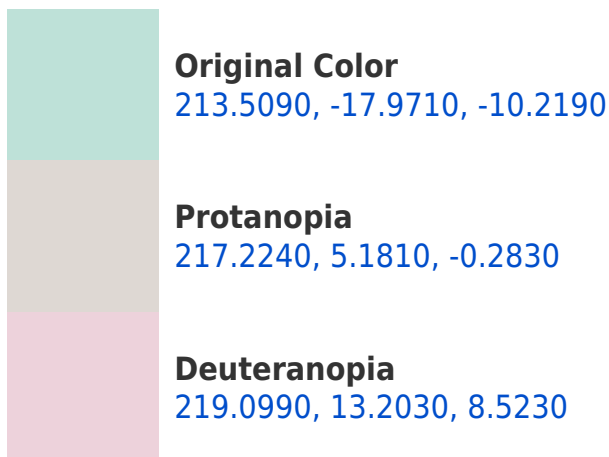
This preview shows how white text looks on a background with the YIQ color 213.5090, -17.9710, -10.2190.

-10.2190.

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

215.5660, -22.1450, -0.6490

Trichromacy



Original Color

213.5090, -17.9710, -10.2190

Protanomaly

215.6250, -3.4380, -3.7740

Deuteranomaly

216.8370, 2.0170, 1.9930

Tritanomaly

214.9420, -20.4480, -3.8720

Monochromacy



Original Color

213.5090, -17.9710, -10.2190

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.7710, -6.7850, -3.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.5090, -17.9710, -10.2190 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(190, 225, 216)` looks like.

```
.text, #text, p{  
    color:rgb(190, 225, 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(190, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 225, 216) }
```

Border

The CSS property to change the border of an element to YIQ 213.5090, -17.9710, -10.2190 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(190, 225, 216) }
```


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

```
.border{ border-color:rgb(190, 225, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(190, 225,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 213.5090, -17.9710, -10.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 225, 216) }
```

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

```
.background{ background-color: rgb(190,  
225, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor