

Converting Colors

YIQ(204.9820, -17.9250,
-11.0530)

Have a look what the booklet for
YIQ(204.9820, -17.9250, -11.0530)
contains.

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Color

**YIQ(204.9820, -17.9250,
-11.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D9CE
RGB	181, 217, 206
RGB Percent	71%, 85%, 81%
CMY	0.2903, 0.1489, 0.1922
CMYK	0.17, 0.00, 0.05, 0.15
HSL	162°, 32%, 78%
HSV	162°, 17%, 85%
XYZ	55.0059, 63.9099, 67.8191
YIQ	204.9820, -17.9250, -11.0530

Conversions

Conversions Part 2

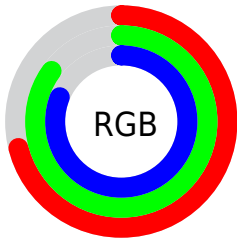
Format	Color
RYB	181, 202, 217
Decimal	11917774
CIELab	83.92, -14.01, 1.47
CIElCh	84, 14.090, 174.006
Yxy	63.9099, 0.2946, 0.3422
Android (android.graphics.Color)	4290107854 (0xFFB5D9CE)
YUV	204.9820, 0.5019, -21.0322
Hunter-Lab	79.9436, -17.0829, 5.6627

Details

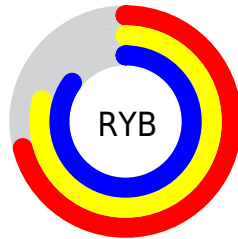
The YIQ color **204.9820, -17.9250, -11.0530** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **193.0180, 17.9250, 11.0530**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6180, -10.7280, -3.8160**, and **150.6940, -17.0540, -10.3180** is the 20% darker color. If you saturate the color by 10%, you get **197.6060, -28.7900, -17.8940**, and if you desaturate by 10%, it is **212.3580, -7.0600, -4.2120**.

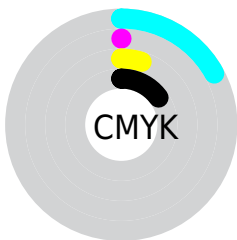
Distribution



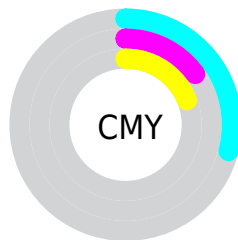
- Red (71%)
- Green (85%)
- Blue (81%)



- Red (71%)
- Yellow (79%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.9820, -17.9250, -11.0530 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 204.9820, -17.9250, -11.0530 by changing the saturation by 10% instead.

■ 204.9820,
-17.9250, -11.0530

■ 204.9820,
-17.9250, -11.0530

255.0000, -0.0000,
-0.0000

■ 177.3950,
-17.6500, -10.5300

■ 249.6180,
-10.7280, -3.8160

■ 150.6940,
-17.0540, -10.3180

■ 124.6940,
-17.0540, -10.3180

■ 99.4060, -16.1830,
-9.5830

■ 75.4060, -16.1830,
-9.5830

■ 52.4060, -16.1830,
-9.5830

■ 30.2210, -17.1000,

-9.4840

■ 13.4670, -8.9850,
-7.8730

■ 0.0000, 0.0000,
0.0000

■ 204.9820,
-17.9250, -11.0530

■ 204.9820,
-17.9250, -11.0530

■ 197.6060,
-28.7900, -17.8940

■ 212.3580, -7.0600,
-4.2120

■ 190.6430,
-39.3800, -24.2120

■ 219.3210, 3.5300,
2.1060

■ 183.2670,
-50.2450, -31.0530

■ 226.6970, 14.3950,
8.9470

■ 175.8910,
-61.1100, -37.8940

■ 230.1860, 17.5120,
13.0320

■ 168.6290,
-72.2960, -44.4240

■ 230.8700, 15.5860,
14.8980

■ 161.5520,
-82.5650, -51.0530

■ 231.6680, 13.3390,
17.0750

■ 154.1760,
-93.4300, -57.8940

■ 232.3520, 11.4130,
18.9410

■ 146.9140,
-104.6160, -64.4240

■ 232.6940, 10.4500,
19.8740

■ 144.5930,
-108.1460, -66.5300

Harmonies

Analogous

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



205.9140, -6.0500, -11.5060



204.9820, -17.9250, -11.0530



204.9690, -25.0780, -8.0700

Triad

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



204.9820, -17.9250, -11.0530



210.5620, -7.1540, 8.5100



210.5590, 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.



204.9820, -17.9250, -11.0530



193.0180, 17.9250, 11.0530

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.



211.8350, 22.6940, 7.2220



204.9820, -17.9250, -11.0530



211.7870, 5.4540, 11.2940

Square

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



204.9820, -17.9250, -11.0530



208.0550, -19.0280, 3.4360



211.8330, 17.0080, 11.1520



209.0480, 17.2400, -4.0720

Rectangle

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



204.9820, -17.9250, -11.0530



205.5930, -26.7750, -4.8470



211.8330, 17.0080, 11.1520



210.9120, 23.7950, 3.7870

Sweetspot

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



204.9820, -17.9250, -11.0530



250.6570, -6.4640, -4.0000



205.4210, -3.3440, -16.4960



125.2660, -3.8050, -2.6290



0.0000, 0.0000, 0.0000



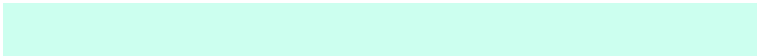
128.0000, -0.0000, -0.0000

Same Dimension

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



204.9820, -17.9250, -11.0530



237.9270, -25.2600, -15.7880



202.1270, -19.5310, -3.9710



106.2550, -5.2720, -3.5760



115.2310, -86.0950, -53.1590



30.6500, -22.9220, -14.1060

Inverse Universe

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



193.0180, 17.9250, 11.0530



221.0730, 25.2600, 15.7880



195.8730, 19.5310, 3.9710



102.6310, 5.5930, 3.2650



57.7690, 86.0950, 53.1590



15.3500, 22.9220, 14.1060

Previews

White Background



This preview shows how the YIQ color 204.9820, -17.9250, -11.0530 looks on a white background.

Color Contrast Check

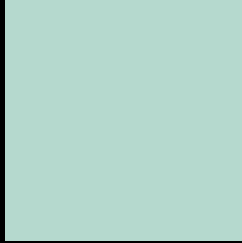
Large Text (above 18pt) WCAG AA × Fail

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 204.9820, -17.9250, -11.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

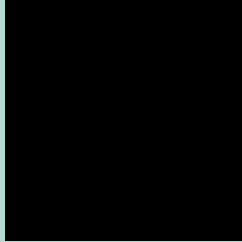
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

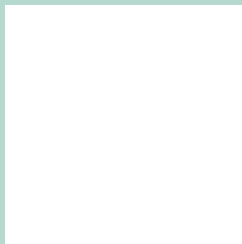
Any Text WCAG AAA ✓ Pass

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

YIQ 204.9820, -17.9250, -11.0530 Background



This preview shows how black text looks on a background with the YIQ color 204.9820, -17.9250, -11.0530.



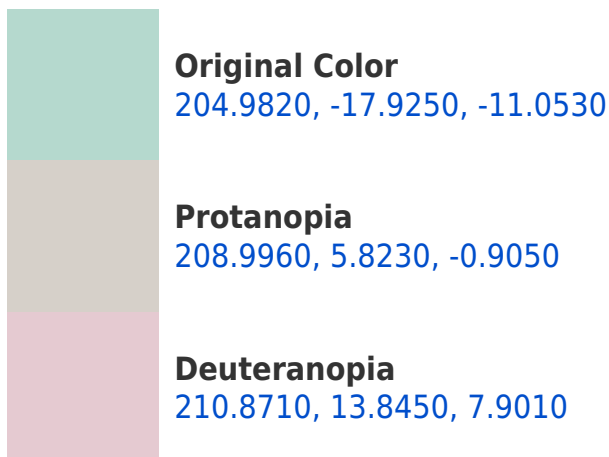
This preview shows how white text looks on a background with the YIQ color 204.9820, -17.9250, -11.0530.

-11.0530.

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

206.5660, -22.1450, -0.6490

Trichromacy



Original Color

204.9820, -17.9250, -11.0530

Protanomaly

207.3970, -2.7960, -4.3960

Deuteranomaly

208.6090, 2.6590, 1.3710

Tritanomaly

205.8280, -20.1270, -4.1830

Monochromacy



Original Color

204.9820, -17.9250, -11.0530

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.6570, -6.4640, -4.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.9820, -17.9250, -11.0530 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(181, 217, 206)` looks like.

```
.text, #text, p{  
    color:rgb(181, 217, 206)  
}
```

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(181, 217, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 217, 206) }
```

Border

The CSS property to change the border of an element to YIQ 204.9820, -17.9250, -11.0530 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(181, 217, 206) }
```


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

```
.border{ border-color:rgb(181, 217, 206) }
```

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

Here you see how a box with a 4 pixel rgb(181, 217, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 217, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 217, 206);  
box-shadow:4px 4px 4px 4px rgb(181, 217,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 204.9820, -17.9250, -11.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 217, 206) }
```

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

```
.background{ background-color: rgb(181,  
217, 206) }
```

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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