

Converting Colors

YIQ(207.1990, -20.0340,
-11.3780)

Have a look what the booklet for
YIQ(207.1990, -20.0340, -11.3780)
contains.

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Color

**YIQ(207.1990, -20.0340,
-11.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DCD2
RGB	181, 220, 210
RGB Percent	71%, 86%, 82%
CMY	0.2903, 0.1372, 0.1765
CMYK	0.18, 0.00, 0.05, 0.14
HSL	165°, 36%, 79%
HSV	165°, 18%, 86%
XYZ	56.2782, 65.6679, 70.6698
YIQ	207.1990, -20.0340, -11.3780

Conversions

Conversions Part 2

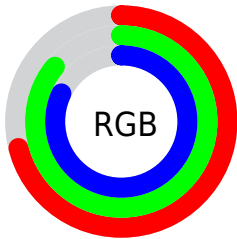
Format	Color
R _Y B	181, 203, 220
Decimal	11918546
CIE Lab	84.83, -14.74, 0.68
CIE LCh	85, 14.754, 177.372
Yxy	65.6679, 0.2922, 0.3409
Android (android.graphics.Color)	4290108626 (0xFFB5DCD2)
YUV	207.1990, 1.3809, -22.9765
Hunter-Lab	81.0357, -17.8468, 5.0193

Details

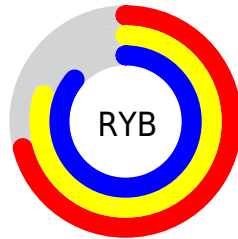
The YIQ color **207.1990, -20.0340, -11.3780** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **193.8010, 20.0340, 11.3780**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **249.6180, -10.7280, -3.8160**, and **152.9110, -19.1630, -10.6430** is the 20% darker color. If you saturate the color by 10%, you get **199.9370, -31.2200, -17.9080**, and if you desaturate by 10%, it is **214.4610, -8.8480, -4.8480**.

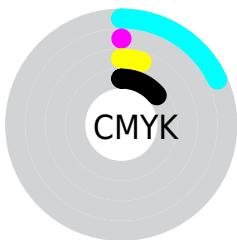
Distribution



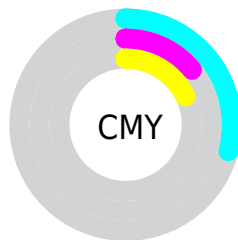
- Red (71%)
- Green (86%)
- Blue (82%)



- Red (71%)
- Yellow (80%)
- Blue (86%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.1990, -20.0340, -11.3780 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 207.1990, -20.0340, -11.3780 by changing the saturation by 10% instead.

■ 207.1990,
-20.0340, -11.3780

■ 207.1990,
-20.0340, -11.3780

■ 255.0000, -0.0000,
-0.0000

■ 179.4980,
-19.4380, -11.1660

■ 249.6180,
-10.7280, -3.8160

■ 152.9110,
-19.1630, -10.6430

■ 126.9110,
-19.1630, -10.6430

■ 101.2100,
-18.5670, -10.4310

■ 76.9220, -17.6960,
-9.6960

■ 53.7370, -18.6130,
-9.5970

■ 31.1390, -19.8050,

-10.0210

■ 15.2110, -11.1400,
-7.3640

■ 0.0000, 0.0000,
0.0000

■ 207.1990,
-20.0340, -11.3780

■ 207.1990,
-20.0340, -11.3780

■ 199.9370,
-31.2200, -17.9080

■ 214.4610, -8.8480,
-4.8480

■ 192.7890,
-42.7270, -24.1270

■ 221.6090, 2.6590,
1.3710

■ 185.5270,
-53.9130, -30.6570

■ 228.8710, 13.8450,
7.9010

■ 178.2650,
-65.0990, -37.1870

■ 231.9470, 16.6870,
11.4630

■ 171.1170,
-76.6060, -43.4060

■ 232.5170, 15.0820,
13.0180

■ 163.8550,
-87.7920, -49.9360

■ 233.2010, 13.1560,
14.8840

■ 156.5930,
-98.9780, -56.4660

■ 233.8850, 11.2300,
16.7500

■ 149.4450,
-110.4850, -62.6850

■ 234.4550, 9.6250,
18.3050

■ 147.7220,
-112.8230, -64.3670

Harmonies

Analogous

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



208.0170, -7.8380, -12.1420



207.1990, -20.0340, -11.3780



207.3000, -27.5080, -8.0840

Triad

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



207.1990, -20.0340, -11.3780



213.2740, -6.2830, 9.2450



213.0320, 23.3370, 1.0730

Complementary

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



207.1990, -20.0340, -11.3780



193.8010, 20.0340, 11.3780

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.



214.3190, 24.2070, 7.3350



207.1990, -20.0340, -11.3780



214.6840, 7.2420, 11.9300

Square

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



207.1990, -20.0340, -11.3780



210.5820, -19.0740, 4.2700



214.4310, 18.2000, 11.5760



211.5210, 17.2860, -4.9060

Rectangle

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



207.1990, -20.0340, -11.3780



207.9350, -27.7380, -3.9140



214.4310, 18.2000, 11.5760



213.6840, 24.4370, 3.1650

Sweetspot

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



207.1990, -20.0340, -11.3780



250.7710, -6.7850, -3.6890



206.8830, -4.7650, -18.2770



125.3800, -4.1260, -2.3180



0.0000, 0.0000, 0.0000



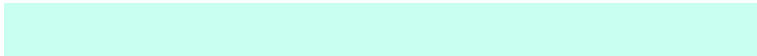
128.0000, -0.0000, -0.0000

Same Dimension

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



207.1990, -20.0340, -11.3780



237.2580, -27.6900, -15.8020



203.0560, -20.7690, -3.5610



106.3690, -5.5930, -3.2650



116.2570, -88.9840, -50.3600



30.8780, -23.5640, -13.4840

Inverse Universe

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



193.8010, 20.0340, 11.3780



218.7420, 27.6900, 15.8020



197.9440, 20.7690, 3.5610



102.6310, 5.5930, 3.2650



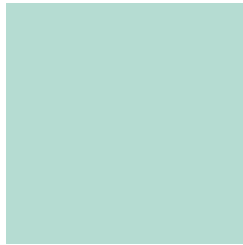
56.8570, 88.6630, 50.6710



15.1220, 23.5640, 13.4840

Previews

White Background



This preview shows how the YIQ color 207.1990, -20.0340, -11.3780 looks on a white background.

Color Contrast Check

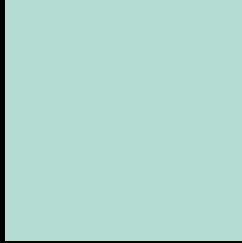
Large Text (above 18pt) WCAG AA × Fail

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 207.1990, -20.0340, -11.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

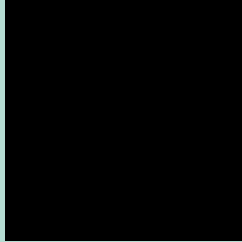
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

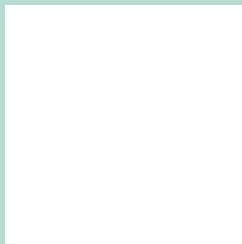
Any Text WCAG AAA ✓ Pass

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

YIQ 207.1990, -20.0340, -11.3780 Background



This preview shows how black text looks on a background with the YIQ color 207.1990, -20.0340, -11.3780.



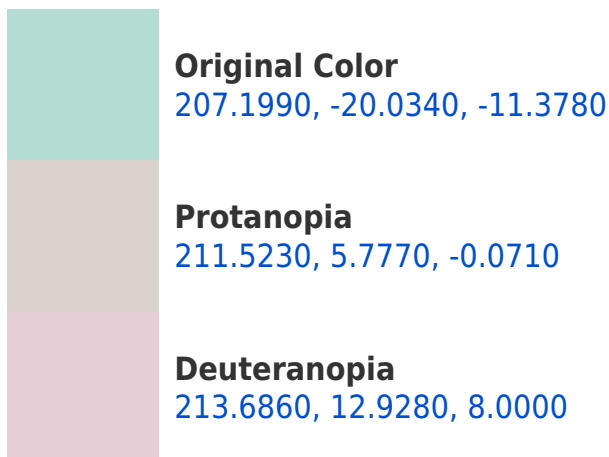
This preview shows how white text looks on a background with the YIQ color 207.1990, -20.0340, -11.3780.

-11.3780.

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

208.7830, -24.2540, -0.9740

Trichromacy



Original Color

207.1990, -20.0340, -11.3780

Protanomaly

210.2120, -3.7130, -4.2970

Deuteranomaly

211.1250, 1.1460, 1.2580

Tritanomaly

208.0450, -22.2360, -4.5080

Monochromacy



Original Color

207.1990, -20.0340, -11.3780

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.3580, -7.0600, -4.2120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.1990, -20.0340, -11.3780 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, 220, 210)` looks like.

```
.text, #text, p{  
    color:rgb(181, 220, 210)  
}
```

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, 220, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 220, 210) }
```

Border

The CSS property to change the border of an element to YIQ 207.1990, -20.0340, -11.3780 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

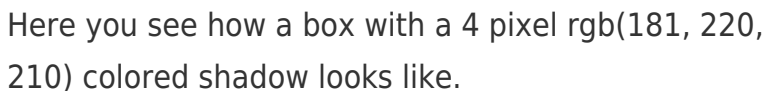
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 220, 210) }
```


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

```
.border{ border-color:rgb(181, 220, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 220, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 220, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 220, 210); box-shadow:4px 4px 4px 4px rgb(181, 220, 210) }
```

Background

The CSS property to change the background color of an element to YIQ 207.1990, -20.0340, -11.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 220, 210) }
```

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

```
.background{ background-color: rgb(181,  
220, 210) }
```

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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