

Converting Colors

YIQ(210.4460, -30.8550,
-7.9990)

Have a look what the booklet for
YIQ(210.4460, -30.8550, -7.9990)
contains.

YIQ(210.4460, -30.8550, -7.9990)	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(210.4460, -30.8550,
-7.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E0E7
RGB	176, 224, 231
RGB Percent	69%, 88%, 91%
CMY	0.3099, 0.1215, 0.0942
CMYK	0.24, 0.03, 0.00, 0.09
HSL	188°, 53%, 80%
HSV	188°, 24%, 91%
XYZ	58.9784, 68.3167, 85.6551
YIQ	210.4460, -30.8550, -7.9990

Conversions

Conversions Part 2

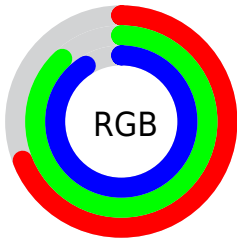
Format	Color
R_{YB}	176, 202, 231
Decimal	11591911
CIE Lab	86.16, -13.89, -8.48
CIE LCh	86, 16.278, 211.399
Yxy	68.3167, 0.2770, 0.3208
Android (android.graphics.Color)	4289781991 (0xFFB0E0E7)
YUV	210.4460, 10.1331, -30.2091
Hunter-Lab	82.6539, -17.2741, -3.5851

Details

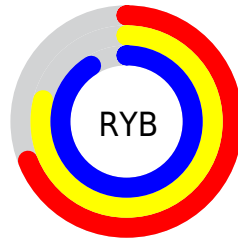
The YIQ color $210.4460, -30.8550, -7.9990$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $196.5540, 30.8550, 7.9990$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4220, -13.1120, -4.6640$, and $155.6310, -29.9380, -8.0980$ is the 20% darker color. If you saturate the color by 10%, you get $201.8080, -43.7380, -11.3060$, and if you desaturate by 10%, it is $219.0840, -17.9720, -4.6920$.

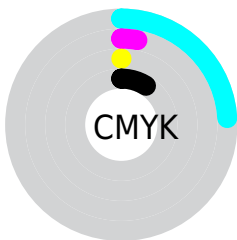
Distribution



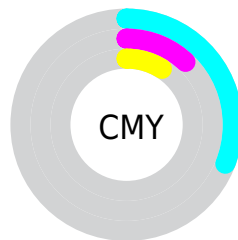
- Red (69%)
- Green (88%)
- Blue (91%)



- Red (69%)
- Yellow (79%)
- Blue (91%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.4460, -30.8550, -7.9990 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 210.4460, -30.8550, -7.9990 by changing the saturation by 10% instead.

■ 210.4460,
-30.8550, -7.9990

■ 210.4460,
-30.8550, -7.9990

■ 255.0000, -0.0000,
-0.0000

■ 182.7450,
-30.2590, -7.7870

■ 248.4220,
-13.1120, -4.6640

■ 155.6310,
-29.9380, -8.0980

■ 129.0440,
-29.6630, -7.5750

■ 103.9300,
-29.3420, -7.8860

■ 78.9300, -29.3420,
-7.8860

■ 54.0330, -31.1300,
-8.5220

■ 32.9300, -29.3420,

-7.8860

■ 18.7960, -17.1010,
-3.9570

■ 0.5700, -1.6050,
1.5550

■ 210.4460,
-30.8550, -7.9990

■ 210.4460,
-30.8550, -7.9990

■ 201.8080,
-43.7380, -11.3060

■ 219.0840,
-17.9720, -4.6920

■ 193.1700,
-56.6210, -14.6130

■ 227.7220, -5.0890,
-1.3850

■ 184.5320,
-69.5040, -17.9200

■ 236.3600, 7.7940,
1.9220

■ 175.8940,
-82.3870, -21.2270

■ 241.1110, 12.9290,
2.4730

■ 166.9570,
-95.8660, -24.7460

■ 242.8720, 12.1040,
0.9040

■ 158.9060,
-109.0240, -28.5760

■ 244.6330, 11.2790,
-0.6650

■ 150.2680,
-121.9070, -31.8830

■ 245.8070, 10.7290,
-1.7110

■ 144.9080,
-129.7010, -33.8050

■ 247.5680, 9.9040,
-3.2800

■ 249.3290, 9.0790,
-4.8490

Harmonies

Analogous

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



210.5190, -23.9310, -12.3390



210.4460, -30.8550, -7.9990



212.0320, -29.3890, -1.5250

Triad

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



210.4460, -30.8550, -7.9990



218.7060, 10.1760, 13.8240



215.1680, 16.7820, -6.7860

Complementary

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



210.4460, -30.8550, -7.9990



196.5540, 30.8550, 7.9990

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.



216.8750, 25.2170, 0.0410



210.4460, -30.8550, -7.9990



218.6980, 21.8220, 12.0140

Square

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



210.4460, -30.8550, -7.9990



217.2250, -4.5870, 11.5490



217.8740, 26.9580, 7.0380



213.4760, 3.9910, -11.7610

Rectangle

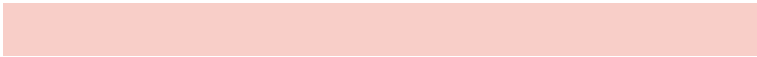
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



210.4460, -30.8550, -7.9990



214.0160, -23.2920, 3.6200



217.8740, 26.9580, 7.0380



215.7880, 20.9080, -4.4680

Sweetspot

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



210.4460, -30.8550, -7.9990



248.4440, -10.1780, -2.7700



208.9690, -17.0510, -26.8990



123.5370, -6.0060, -1.2860



0.0000, 0.0000, 0.0000



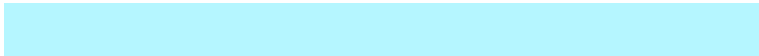
128.0000, -0.0000, -0.0000

Same Dimension

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



210.4460, -30.8550, -7.9990



227.5910, -41.6290, -10.9810



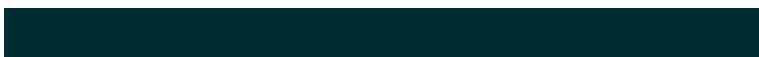
194.5970, -23.4300, 6.1220



110.2380, -6.6020, -1.4980



111.9780, -100.3590, -25.9190



32.2290, -28.7460, -7.6740

Inverse Universe

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



197.9170, 17.3720, 26.5880



210.5360, 23.2390, 35.9030



212.4030, 23.4300, -6.1220



107.7280, 3.9420, 5.6540



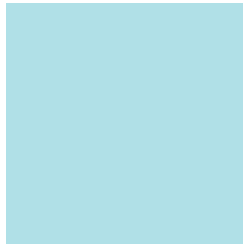
71.3050, 56.6080, 86.4640



20.3790, 15.9510, 24.8070

Previews

White Background



This preview shows how the YIQ color 210.4460, -30.8550, -7.9990 looks on a white background.

Color Contrast Check

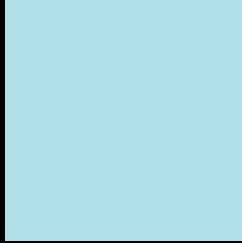
Large Text (above 18pt) WCAG AA × Fail

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 210.4460, -30.8550, -7.9990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

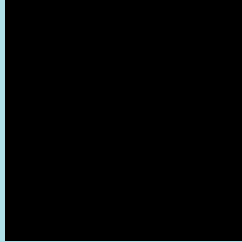
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.4460, -30.8550, -7.9990

Background



This preview shows how black text looks on a background with the YIQ color 210.4460, -30.8550, -7.9990.



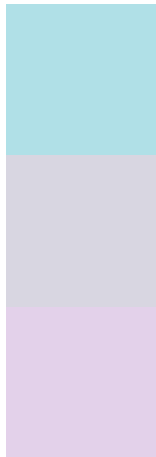
This preview shows how white text looks on a background with the YIQ color 210.4460, -30.8550, -7.9990.

-7.9990.

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



Original Color

210.4460, -30.8550, -7.9990

Protanopia

215.8520, -2.3390, 3.8450

Deuteranopia

217.2320, 2.7030, 11.5910



Tritanopia

211.4830, -32.2770, -4.2530

Trichromacy



Original Color

210.4460, -30.8550, -7.9990

Protanomaly

213.9430, -13.0210, -0.8050

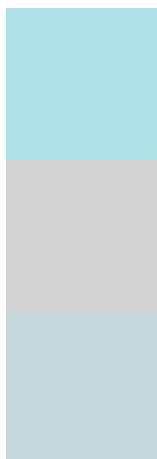
Deuteranomaly

214.3720, -9.6750, 4.6370

Tritanomaly

210.8420, -31.9100, -5.3980

Monochromacy



Original Color

210.4460, -30.8550, -7.9990

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.2590, -11.0950, -2.6710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.4460, -30.8550, -7.9990 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(176, 224, 231)` looks like.

```
.text, #text, p{  
    color:rgb(176, 224, 231)  
}
```

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(176, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 224, 231) }
```

Border

The CSS property to change the border of an element to YIQ 210.4460, -30.8550, -7.9990 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(176, 224, 231) }
```


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

```
.border{ border-color:rgb(176, 224, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 224, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 224, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 224, 231);  
box-shadow:4px 4px 4px 4px rgb(176, 224,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 210.4460, -30.8550, -7.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 224, 231) }
```

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

```
.background{ background-color: rgb(176,  
224, 231) }
```

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