

Converting Colors

YIQ(218.4440, -11.3190,
-31.6630)

Have a look what the booklet for
YIQ(218.4440, -11.3190, -31.6630)
contains.

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Color

**YIQ(218.4440, -11.3190,
-31.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF2B1
RGB	188, 242, 177
RGB Percent	74%, 95%, 69%
CMY	0.2629, 0.0509, 0.3059
CMYK	0.22, 0.00, 0.27, 0.05
HSL	110°, 71%, 82%
HSV	110°, 27%, 95%
XYZ	60.4232, 77.3779, 53.3465
YIQ	218.4440, -11.3190, -31.6630

Conversions

Conversions Part 2

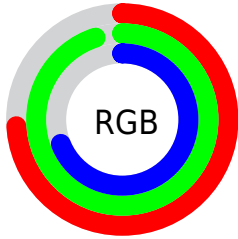
Format	Color
RYB	177, 242, 231
Decimal	12382897
CIELab	90.50, -29.11, 25.94
CIELCh	90, 38.991, 138.289
Yxy	77.3779, 0.3161, 0.4048
Android (android.graphics.Color)	4290572977 (0xFFBCF2B1)
YUV	218.4440, -20.4319, -26.6994
Hunter-Lab	87.9647, -31.3262, 25.6187

Details

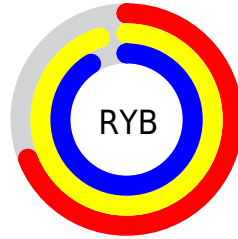
The YIQ color **218.4440, -11.3190, -31.6630** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **200.5560, 11.3190, 31.6630**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **249.5020, 1.1020, -8.9620**, and **163.3840, -11.0900, -30.3060** is the 20% darker color. If you saturate the color by 10%, you get **209.7280, -15.5350, -43.3670**, and if you desaturate by 10%, it is **227.1600, -7.1030, -19.9590**.

Distribution



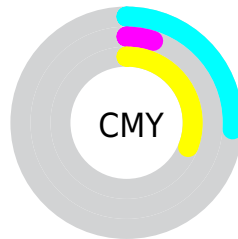
- Red (74%)
- Green (95%)
- Blue (69%)



- Red (69%)
- Yellow (95%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (27%)
- Black (5%)



- Cyan (26%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.4440, -11.3190, -31.6630 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 218.4440, -11.3190, -31.6630 by changing the saturation by 10% instead.

■ 218.4440,
-11.3190, -31.6630

■ 218.4440,
-11.3190, -31.6630

255.0000, -0.0000,
-0.0000

■ 190.5580,
-11.6400, -31.3520

■ 249.5020, 1.1020,
-8.9620

■ 163.0850,
-11.6860, -30.5180

■ 136.6120,
-11.7320, -29.6840

■ 110.4380,
-11.1820, -28.6380

■ 85.6660, -11.8240,
-28.0160

■ 60.5950, -13.0620,
-27.6060

■ 36.1000, -16.0420,

-28.6660

■ 21.7190, -10.1750,
-19.3510

■ 1.7610, -0.8250,
-1.5690

■ 218.4440,
-11.3190, -31.6630

■ 218.4440,
-11.3190, -31.6630

■ 209.7280,
-15.5350, -43.3670

■ 227.1600, -7.1030,
-19.9590

■ 201.0120,
-19.7510, -55.0710

■ 235.8760, -2.8870,
-8.2550

■ 192.1820,
-23.6460, -67.0860

■ 244.7060, 1.0080,
3.7600

■ 183.1670,
-28.4580, -79.0020

■ 247.3690, 3.5750,
6.7990

■ 174.4510,
-32.6740, -90.7060

■ 165.7350,
-36.8900, -102.4100

■ 157.0190,
-41.1060, -114.1140

■ 154.3130,
-42.1140, -117.8740

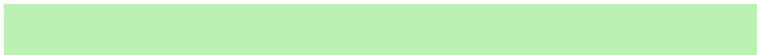
Harmonies

Analogous

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



223.3250, 22.9290, -24.5830



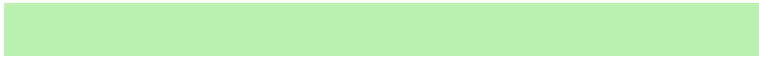
218.4440, -11.3190, -31.6630



212.0990, -49.8320, -33.0320

Triad

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



218.4440, -11.3190, -31.6630



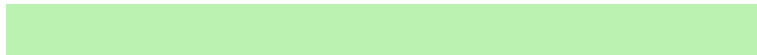
214.2460, -53.7790, -11.0510



217.1290, 30.8540, 13.5260

Complementary

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



218.4440, -11.3190, -31.6630



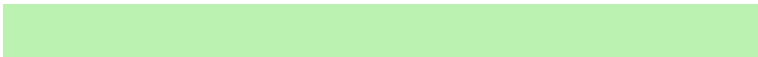
200.5560, 11.3190, 31.6630

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.



222.0480, 18.3810, 24.8210



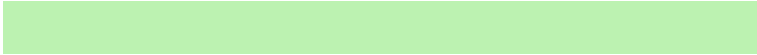
218.4440, -11.3190, -31.6630



223.3590, -16.8280, 7.6200

Square

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



218.4440, -11.3190, -31.6630



205.4870, -82.7990, -24.7750



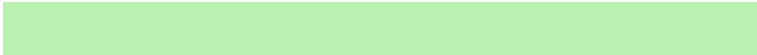
228.5850, 12.3750, 23.5350



218.1770, 38.9260, -0.6100

Rectangle

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



218.4440, -11.3190, -31.6630



207.8760, -73.9490, -30.9810



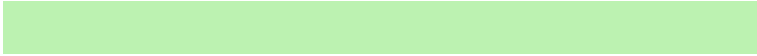
228.5850, 12.3750, 23.5350



218.6110, 26.6810, 17.5690

Sweetspot

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



218.4440, -11.3190, -31.6630



247.6370, -3.7120, -9.8240



227.5460, 24.1650, -13.9390



123.2290, -2.3830, -6.3750



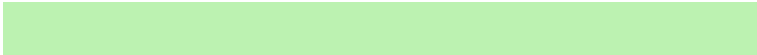
0.0000, 0.0000, 0.0000



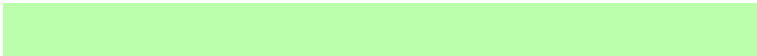
128.0000, -0.0000, -0.0000

Same Dimension

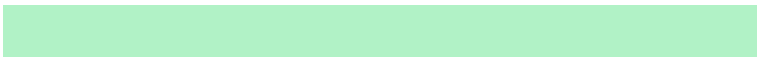
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.4440, -11.3190, -31.6630



225.3200, -14.2060, -39.9180



217.5490, -24.6160, -27.4640



115.6420, -2.1080, -5.8520



117.2770, -32.1240, -89.6600



35.5630, -10.0360, -27.3800

Inverse Universe

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



200.5560, 11.3190, 31.6630



202.6800, 14.2060, 39.9180



201.4510, 24.6160, 27.4640



112.3580, 2.1080, 5.8520



66.7230, 32.1240, 89.6600



20.4370, 10.0360, 27.3800

Previews

White Background



This preview shows how the YIQ color 218.4440, -11.3190, -31.6630 looks on a white background.

Color Contrast Check

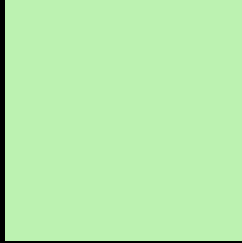
Large Text (above 18pt) WCAG AA × Fail

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 218.4440, -11.3190, -31.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

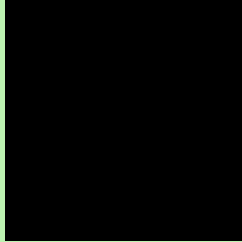
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

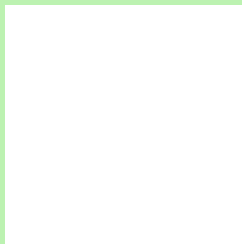
Any Text WCAG AAA ✓ Pass

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

YIQ 218.4440, -11.3190, -31.6630 Background



This preview shows how black text looks on a background with the YIQ color 218.4440, -11.3190, -31.6630.



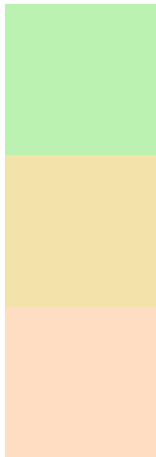
This preview shows how white text looks on a background with the YIQ color 218.4440, -11.3190, -31.6630.

-31.6630.

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

218.4440, -11.3190, -31.6630

Protanopia

225.2860, 27.8330, -14.3350

Deuteranopia

228.2020, 28.6100, -0.8780



Tritanopia

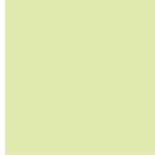
224.5980, -25.1710, -0.8750

Trichromacy



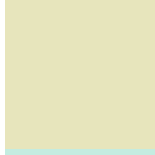
Original Color

218.4440, -11.3190, -31.6630



Protanomaly

222.5830, 13.5750, -20.2570



Deuteranomaly

224.9240, 14.3530, -12.3270



Tritanomaly

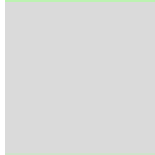
222.6720, -19.9880, -12.2120

Monochromacy



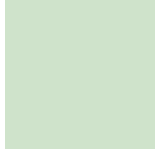
Original Color

218.4440, -11.3190, -31.6630



Achromatopsia

218.0000, -0.0000, 0.0000



Achromatomaly

218.2840, -4.2160, -11.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.4440, -11.3190, -31.6630 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(188, 242, 177)` looks like.

```
.text, #text, p{  
    color:rgb(188, 242, 177)  
}
```

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(188, 242, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 242, 177) }
```

Border

The CSS property to change the border of an element to YIQ 218.4440, -11.3190, -31.6630 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(188, 242, 177) }
```


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

```
.border{ border-color:rgb(188, 242, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 242, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 242, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 242, 177);  
box-shadow:4px 4px 4px 4px rgb(188, 242,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 218.4440, -11.3190, -31.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 242, 177) }
```

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

```
.background{ background-color: rgb(188,  
242, 177) }
```

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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