

Converting Colors

YIQ(221.5750, -10.3100,
-33.4300)

Have a look what the booklet for
YIQ(221.5750, -10.3100, -33.4300)
contains.

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Color

**YIQ(221.5750, -10.3100,
-33.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF6B0
RGB	191, 246, 176
RGB Percent	75%, 96%, 69%
CMY	0.2512, 0.0352, 0.3098
CMYK	0.22, 0.00, 0.28, 0.04
HSL	107°, 80%, 83%
HSV	107°, 28%, 96%
XYZ	62.2742, 80.1308, 53.2607
YIQ	221.5750, -10.3100, -33.4300

Conversions

Conversions Part 2

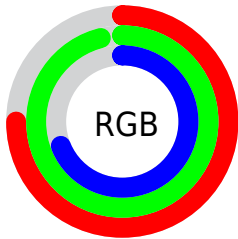
Format	Color
RYB	176, 246, 231
Decimal	12580528
CIELab	91.74, -30.14, 28.18
CIELCh	92, 41.263, 136.926
Yxy	80.1308, 0.3183, 0.4095
Android (android.graphics.Color)	4290770608 (0xFFBFF6B0)
YUV	221.5750, -22.4685, -26.8143
Hunter-Lab	89.5158, -32.4741, 27.3844

Details

The YIQ color **221.5750, -10.3100, -33.4300** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **200.4250, 10.3100, 33.4300**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.2850, 3.2110, -8.6370**, and **165.6290, -10.4020, -31.7620** is the 20% darker color. If you saturate the color by 10%, you get **213.0440, -13.6090, -45.2330**, and if you desaturate by 10%, it is **230.1060, -7.0110, -21.6270**.

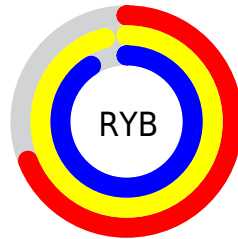
Distribution



Red (75%)

Green (96%)

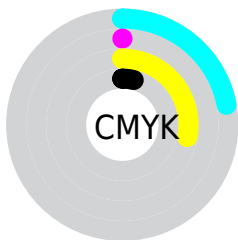
Blue (69%)



Red (69%)

Yellow (96%)

Blue (91%)

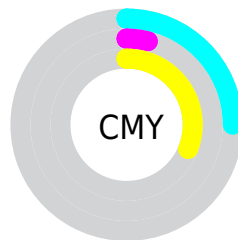


Cyan (22%)

Magenta (0%)

Yellow (28%)

Black (4%)



Cyan (25%)

Magenta (4%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.5750, -10.3100, -33.4300 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 221.5750, -10.3100, -33.4300 by changing the saturation by 10% instead.

■ 221.5750,
-10.3100, -33.4300

■ 221.5750,
-10.3100, -33.4300

255.0000, -0.0000,
-0.0000

■ 193.1020,
-10.3560, -32.5960

■ 250.2850, 3.2110,
-8.6370

■ 165.6290,
-10.4020, -31.7620

■ 139.1560,
-10.4480, -30.9280

■ 113.2700,
-10.7690, -30.6170

■ 87.9110, -11.1360,
-29.4720

■ 62.8400, -12.3740,
-29.0620

■ 37.9320, -15.6290,

-30.6450

■ 23.4800, -11.0000,
-20.9200

■ 7.0440, -3.3000,
-6.2760

■ 221.5750,
-10.3100, -33.4300

■ 221.5750,
-10.3100, -33.4300

■ 213.0440,
-13.6090, -45.2330

■ 230.1060, -7.0110,
-21.6270

■ 204.3280,
-17.8250, -56.9370

■ 238.8220, -2.7950,
-9.9230

■ 195.7970,
-21.1240, -68.7400

■ 247.3530, 0.5040,
1.8800

■ 187.3800,
-24.7440, -80.2320

■ 249.7170, 2.4750,
4.7070

■ 178.5500,
-28.6390, -92.2470

■ 170.0190,
-31.9380, -104.0500

■ 161.6020,
-35.5580, -115.5420

■ 160.2490,
-36.0620, -117.4220

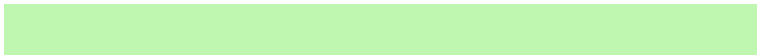
Harmonies

Analogous

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



226.7660, 26.0010, -25.1910



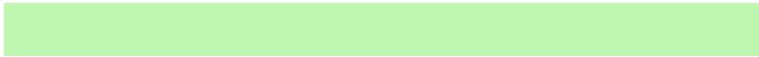
221.5750, -10.3100, -33.4300



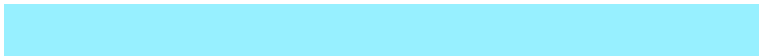
214.8490, -52.1240, -35.5480

Triad

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



221.5750, -10.3100, -33.4300



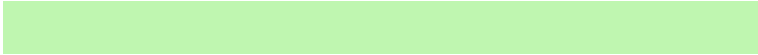
215.0990, -57.8590, -14.2030



218.7590, 29.0200, 13.7240

Complementary

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



221.5750, -10.3100, -33.4300



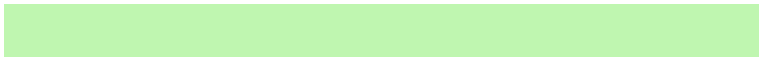
200.4250, 10.3100, 33.4300

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.



223.9060, 15.9050, 25.6410



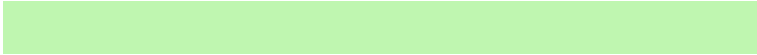
221.5750, -10.3100, -33.4300



225.7070, -17.9280, 5.5280

Square

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



221.5750, -10.3100, -33.4300



205.4320, -90.1340, -29.5100



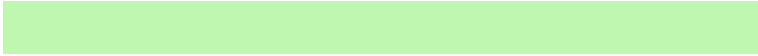
230.3460, 11.5500, 21.9660



219.4650, 38.0550, -1.3450

Rectangle

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



221.5750, -10.3100, -33.4300



209.8430, -78.3500, -33.8220



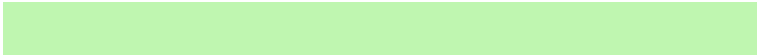
230.3460, 11.5500, 21.9660



219.6540, 25.1220, 18.2900

Sweetspot

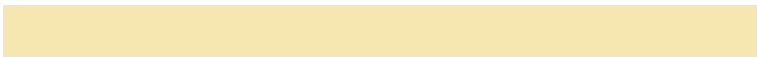
The Sweet Spot groups the original color and five complimentary colors.



221.5750, -10.3100, -33.4300



246.9960, -3.3450, -10.9690



229.2150, 26.5950, -13.9250



122.7020, -2.3370, -7.2090



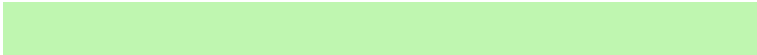
0.0000, 0.0000, 0.0000



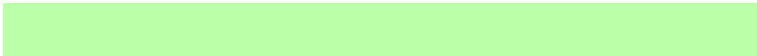
128.0000, -0.0000, -0.0000

Same Dimension

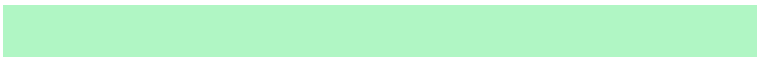
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.5750, -10.3100, -33.4300



224.7500, -12.6010, -41.4730



219.3700, -25.6700, -30.3900



117.9410, -1.5120, -5.6400



121.1420, -27.3100, -88.7980



38.5200, -8.4770, -28.1010

Inverse Universe

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



200.4250, 10.3100, 33.4300



198.2500, 12.6010, 41.4730



202.6300, 25.6700, 30.3900



114.3580, 2.1080, 5.8520



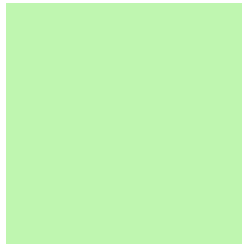
64.8580, 27.3100, 88.7980



20.4800, 8.4770, 28.1010

Previews

White Background



This preview shows how the YIQ color 221.5750, -10.3100, -33.4300 looks on a white background.

Color Contrast Check

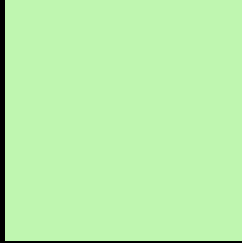
Large Text (above 18pt) WCAG AA × Fail

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 221.5750, -10.3100, -33.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

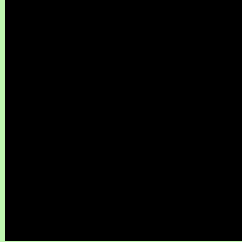
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

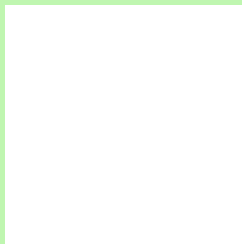
Any Text WCAG AAA ✓ Pass

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

YIQ 221.5750, -10.3100, -33.4300 Background



This preview shows how black text looks on a background with the YIQ color 221.5750, -10.3100, -33.4300.



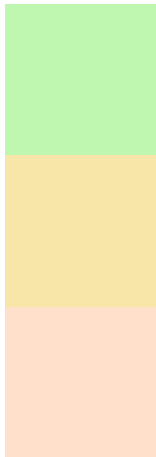
This preview shows how white text looks on a background with the YIQ color 221.5750, -10.3100, -33.4300.

-33.4300.

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

221.5750, -10.3100, -33.4300

Protanopia

228.4280, 30.3090, -15.1550

Deuteranopia

231.4620, 24.9420, -0.4820



Tritanopia

228.5980, -25.1710, -0.8750

Trichromacy



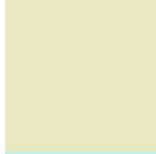
Original Color

221.5750, -10.3100, -33.4300



Protanomaly

226.0130, 15.1800, -21.8120



Deuteranomaly

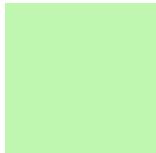
228.1410, 12.2440, -12.6520



Tritanomaly

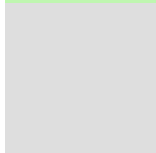
226.1450, -19.9420, -13.0460

Monochromacy



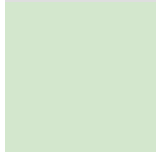
Original Color

221.5750, -10.3100, -33.4300



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

222.0560, -3.5740, -12.3260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.5750, -10.3100, -33.4300 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(191, 246, 176)` looks like.

```
.text, #text, p{  
    color:rgb(191, 246, 176)  
}
```

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(191, 246, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 246, 176) }
```

Border

The CSS property to change the border of an element to YIQ 221.5750, -10.3100, -33.4300 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(191, 246, 176) }
```


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

```
.border{ border-color:rgb(191, 246, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 246, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 246, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 246, 176);  
box-shadow:4px 4px 4px 4px rgb(191, 246,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 221.5750, -10.3100, -33.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 246, 176) }
```

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

```
.background{ background-color: rgb(191,  
246, 176) }
```

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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