

Converting Colors

YIQ(221.6740, -6.2750,
-34.9710)

Have a look what the booklet for
YIQ(221.6740, -6.2750, -34.9710)
contains.

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Color

**YIQ(221.6740, -6.2750,
-34.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F6A9
RGB	194, 246, 169
RGB Percent	76%, 96%, 66%
CMY	0.2394, 0.0352, 0.3372
CMYK	0.21, 0.00, 0.31, 0.04
HSL	101°, 81%, 81%
HSV	101°, 31%, 96%
XYZ	62.3615, 80.2532, 49.7441
YIQ	221.6740, -6.2750, -34.9710

Conversions

Conversions Part 2

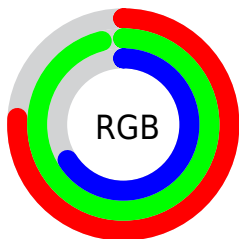
Format	Color
RYB	169, 246, 221
Decimal	12777129
CIELab	91.80, -30.18, 31.82
CIELCh	92, 43.854, 133.478
Yxy	80.2532, 0.3242, 0.4172
Android (android.graphics.Color)	4290967209 (0xFFC2F6A9)
YUV	221.6740, -25.9683, -24.2701
Hunter-Lab	89.5841, -32.5144, 29.7865

Details

The YIQ color $221.6740, -6.2750, -34.9710$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $193.3260, 6.2750, 34.9710$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3840, 7.2460, -10.1780$, and $165.7280, -6.3670, -33.3030$ is the 20% darker color. If you saturate the color by 10%, you get $213.7410, -8.3820, -46.3500$, and if you desaturate by 10%, it is $229.6070, -4.1680, -23.5920$.

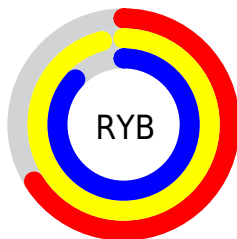
Distribution



Red (76%)

Green (96%)

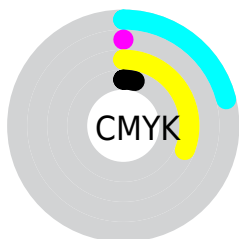
Blue (66%)



Red (66%)

Yellow (96%)

Blue (87%)

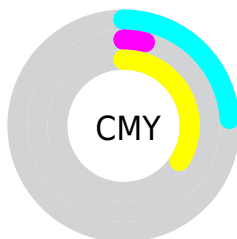


Cyan (21%)

Magenta (0%)

Yellow (31%)

Black (4%)



Cyan (24%)

Magenta (4%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 221.6740, -6.2750, -34.9710 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 221.6740, -6.2750, -34.9710 by changing the saturation by 10% instead.

 221.6740, -6.2750,
-34.9710

 221.6740, -6.2750,
-34.9710

255.0000, -0.0000,
-0.0000

 193.2010, -6.3210,
-34.1370


 250.3840, 7.2460,
-10.1780


 165.7280, -6.3670,
-33.3030

254.8860, 0.3210,
-0.3110

 139.2550, -6.4130,
-32.4690

 113.4830, -7.0550,
-31.8470

 87.7110, -7.6970,
-31.2250

 62.8250, -8.0180,
-30.9140

 38.7860, -12.2820,

-30.7300

■ 23.4800, -11.0000,
-20.9200

■ 7.0440, -3.3000,
-6.2760

■ 221.6740, -6.2750,
-34.9710

■ 221.6740, -6.2750,
-34.9710

■ 213.7410, -8.3820,
-46.3500

■ 229.6070, -4.1680,
-23.5920

■ 206.2210,
-10.2140, -57.2060

■ 237.1270, -2.3360,
-12.7360

■ 198.2880,
-12.3210, -68.5850

■ 245.0600, -0.2290,
-1.3570

■ 190.4690,
-14.7490, -79.6530

■ 249.7170, 2.4750,
4.7070

■ 182.8350,
-16.2600, -90.8200

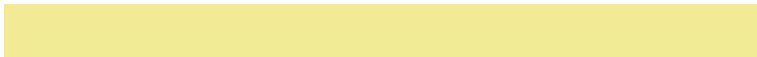
■ 174.9020,
-18.3670, -102.1990

■ 168.3220,
-19.9700, -111.6980

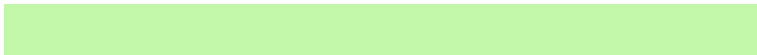
Harmonies

Analogous

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



226.9900, 31.1820, -25.4740



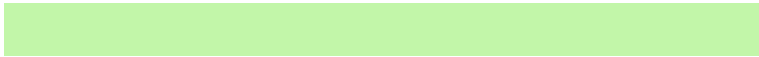
221.6740, -6.2750, -34.9710



214.4530, -51.0690, -38.1490

Triad

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



221.6740, -6.2750, -34.9710



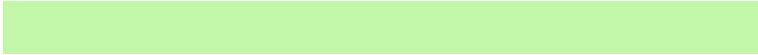
211.4890, -67.9450, -18.6410



217.4540, 28.5610, 16.5370

Complementary

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



221.6740, -6.2750, -34.9710



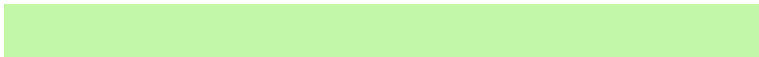
193.3260, 6.2750, 34.9710

Split Complementary

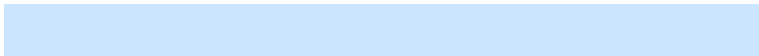
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.8890, 14.5750, 27.7190



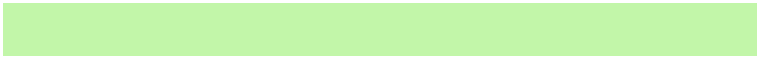
221.6740, -6.2750, -34.9710



224.1900, -23.8420, 2.5740

Square

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



221.6740, -6.2750, -34.9710



200.3270, -103.2000, -35.0080



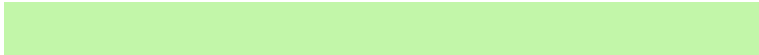
230.9330, 11.2750, 21.4430



217.7040, 38.8800, 0.2240

Rectangle

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



221.6740, -6.2750, -34.9710



208.1800, -80.9170, -36.8610



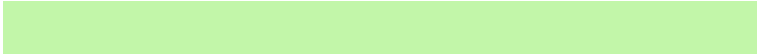
230.9330, 11.2750, 21.4430



219.0500, 24.0670, 20.8910

Sweetspot

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



221.6740, -6.2750, -34.9710



247.5940, -2.1530, -10.5450



221.9600, 31.8670, -10.3490



123.3000, -1.1450, -6.7850



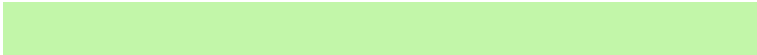
0.0000, 0.0000, 0.0000



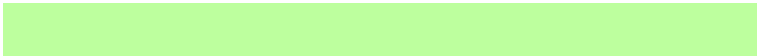
128.0000, -0.0000, -0.0000

Same Dimension

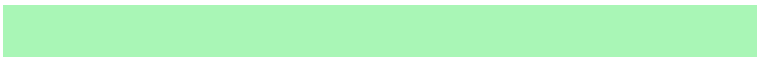
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.6740, -6.2750, -34.9710



224.2080, -8.1990, -44.1590



215.6810, -25.3480, -36.2280



118.2400, -0.9160, -5.4280



127.1220, -15.3900, -84.5580



40.3140, -4.9010, -26.8290

Inverse Universe

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



193.3260, 6.2750, 34.9710



188.7920, 8.1990, 44.1590



199.3190, 25.3480, 36.2280



113.7600, 0.9160, 5.4280



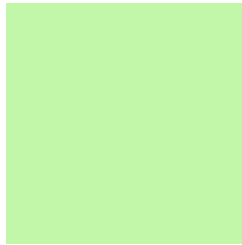
58.8780, 15.3900, 84.5580



18.6860, 4.9010, 26.8290

Previews

White Background



This preview shows how the YIQ color 221.6740, -6.2750, -34.9710 looks on a white background.

Color Contrast Check

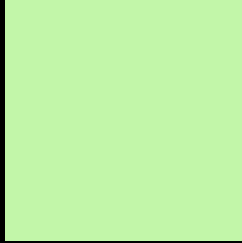
Large Text (above 18pt) WCAG AA × Fail

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 221.6740, -6.2750, -34.9710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

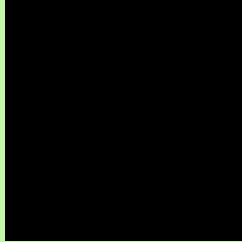
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.6740, -6.2750, -34.9710

Background



This preview shows how black text looks on a background with the YIQ color 221.6740, -6.2750, -34.9710.



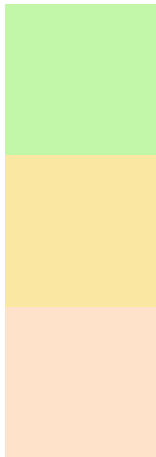
This preview shows how white text looks on a background with the YIQ color 221.6740, -6.2750,

-34.9710.

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

221.6740, -6.2750, -34.9710

Protanopia

228.5160, 32.8770, -17.6430

Deuteranopia

231.8210, 25.3090, -1.6270



Tritanopia

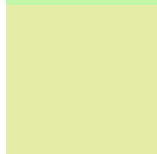
228.7940, -22.7870, -0.0270

Trichromacy



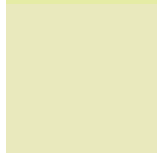
Original Color

221.6740, -6.2750, -34.9710



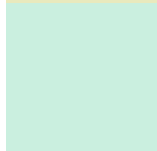
Protanomaly

225.8130, 18.6190, -23.5650



Deuteranomaly

227.9840, 14.1240, -13.6840



Tritanomaly

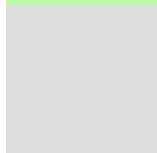
226.1130, -16.9160, -12.8200

Monochromacy



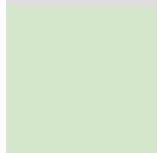
Original Color

221.6740, -6.2750, -34.9710



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

222.1270, -2.3360, -12.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.6740, -6.2750, -34.9710 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(194, 246, 169)` looks like.

```
.text, #text, p{  
    color:rgb(194, 246, 169)  
}
```

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(194, 246, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 246, 169) }
```

Border

The CSS property to change the border of an element to YIQ 221.6740, -6.2750, -34.9710 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(194, 246, 169) }
```


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

```
.border{ border-color:rgb(194, 246, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 246, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 246, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 246, 169);  
box-shadow:4px 4px 4px 4px rgb(194, 246,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 221.6740, -6.2750, -34.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 246, 169) }
```

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

```
.background{ background-color: rgb(194,  
246, 169) }
```

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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