

Converting Colors

YIQ(214.4810, -4.7140,
-46.7460)

Have a look what the booklet for
YIQ(214.4810, -4.7140, -46.7460)
contains.

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Color

**YIQ(214.4810, -4.7140,
-46.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F68C
RGB	181, 246, 140
RGB Percent	71%, 96%, 55%
CMY	0.2904, 0.0352, 0.4509
CMYK	0.26, 0.00, 0.43, 0.04
HSL	97°, 86%, 76%
HSV	97°, 43%, 96%
XYZ	56.7417, 77.6389, 36.8124
YIQ	214.4810, -4.7140, -46.7460

Conversions

Conversions Part 2

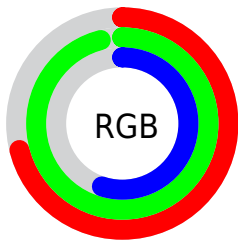
Format	Color
RYB	140, 246, 205
Decimal	11925132
CIELab	90.61, -38.54, 44.49
CIElCh	91, 58.860, 130.900
Yxy	77.6389, 0.3314, 0.4535
Android (android.graphics.Color)	4290115212 (0xFFB5F68C)
YUV	214.4810, -36.7191, -29.3628
Hunter-Lab	88.1129, -39.2498, 36.9085

Details

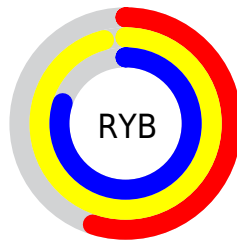
The YIQ color $214.4810, -4.7140, -46.7460$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $171.5190, 4.7140, 46.7460$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.3760, 9.7240, -22.0520$, and $158.3500, -5.7230, -44.9790$ is the 20% darker color. If you saturate the color by 10%, you get $207.1460, -5.6290, -57.7010$, and if you desaturate by 10%, it is $221.8160, -3.7990, -35.7910$.

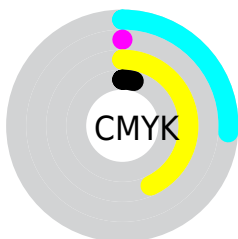
Distribution



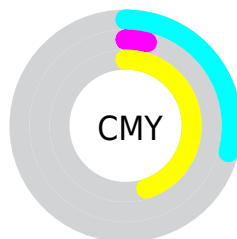
- Red (71%)
- Green (96%)
- Blue (55%)



- Red (55%)
- Yellow (96%)
- Blue (80%)



- Cyan (26%)
- Magenta (0%)
- Yellow (43%)
- Black (4%)




- Cyan (29%)
- Magenta (4%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.4810, -4.7140, -46.7460 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 214.4810, -4.7140, -46.7460 by changing the saturation by 10% instead.

 214.4810, -4.7140,
-46.7460


 214.4810, -4.7140,
-46.7460

255.0000, -0.0000,
-0.0000


 186.1220, -5.0810,
-45.6010

 243.3760, 9.7240,
-22.0520


 158.3500, -5.7230,
-44.9790


 251.3520, 10.2720,
-9.9520

 131.4640, -6.0440,
-44.6680

 254.6580, 0.9630,
-0.9330

 104.5780, -6.3650,
-44.3570

 78.2960, -5.6310,
-46.6470

 52.5860, -18.0110,
-42.5470

 35.8070, -16.7750,

-31.9030

■ 23.4800, -11.0000,
-20.9200

■ 2.3480, -1.1000,
-2.0920

■ 214.4810, -4.7140,
-46.7460

■ 214.4810, -4.7140,
-46.7460

■ 207.1460, -5.6290,
-57.7010

■ 221.8160, -3.7990,
-35.7910

■ 199.9250, -6.8650,
-68.3450

■ 229.0370, -2.5630,
-25.1470

■ 192.5900, -7.7800,
-79.3000

■ 236.3720, -1.6480,
-14.1920

■ 185.3690, -9.0160,
-89.9440

■ 243.5930, -0.4120,
-3.5480

■ 177.7350,
-10.5270, -101.1110

■ 249.7170, 2.4750,
4.7070

■ 172.8070,
-11.0300, -108.5180

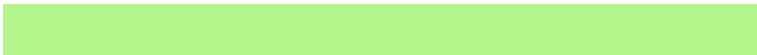
Harmonies

Analogous

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



221.8370, 44.4340, -34.3660



214.4810, -4.7140, -46.7460



201.1310, -71.1940, -53.3860

Triad

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



214.4810, -4.7140, -46.7460



172.2980, -148.9550, -48.3070



207.0190, 34.5200, 24.1840

Complementary

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



214.4810, -4.7140, -46.7460



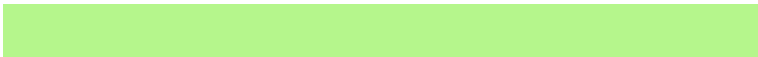
171.5190, 4.7140, 46.7460

Split Complementary

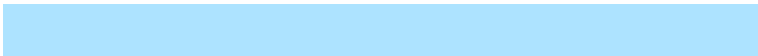
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.0840, 18.7000, 35.5640



214.4810, -4.7140, -46.7460



214.0460, -41.1720, -2.7400

Square

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



214.4810, -4.7140, -46.7460



178.1680, -151.7050, -53.5370



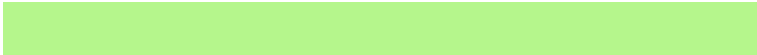
225.6500, 13.7500, 26.1500



207.4340, 48.5080, 1.9480

Rectangle

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



214.4810, -4.7140, -46.7460



175.6770, -143.3130, -62.4570



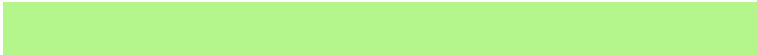
225.6500, 13.7500, 26.1500



208.5980, 28.6960, 30.6160

Sweetspot

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



214.4810, -4.7140, -46.7460



245.2580, -1.3270, -14.5030



209.2620, 45.5760, -11.0000



121.7190, -1.0070, -9.2870



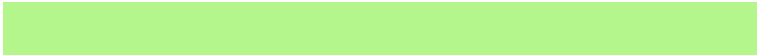
0.0000, 0.0000, 0.0000



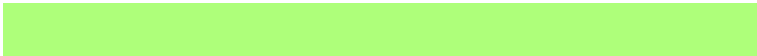
128.0000, -0.0000, -0.0000

Same Dimension

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



214.4810, -4.7140, -46.7460



215.6190, -5.5830, -58.5350



203.4760, -32.6810, -52.0170



118.5390, -0.3200, -5.2160



130.7100, -8.2380, -82.0140



41.5100, -2.5170, -25.9810

Inverse Universe

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



171.5190, 4.7140, 46.7460



161.6800, 6.1790, 58.7470



182.5240, 32.6810, 52.0170



113.7600, 0.9160, 5.4280



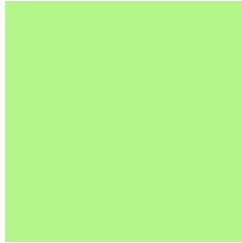
55.2900, 8.2380, 82.0140



17.4900, 2.5170, 25.9810

Previews

White Background



This preview shows how the YIQ color 214.4810, -4.7140, -46.7460 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 214.4810, -4.7140, -46.7460 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 214.4810, -4.7140, -46.7460

Background



This preview shows how black text looks on a background with the YIQ color 214.4810, -4.7140, -46.7460.



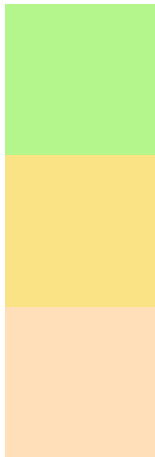
This preview shows how white text looks on a background with the YIQ color 214.4810, -4.7140,

-46.7460.

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

214.4810, -4.7140, -46.7460

Protanopia

222.8620, 43.2860, -24.5700

Deuteranopia

227.7630, 31.2240, -4.2000



Tritanopia

224.7010, -26.9590, -1.5110

Trichromacy



Original Color

214.4810, -4.7140, -46.7460



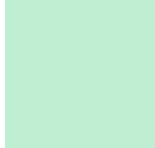
Protanomaly

219.8380, 25.4980, -32.5980



Deuteranomaly

223.0350, 18.1140, -19.9180



Tritanomaly

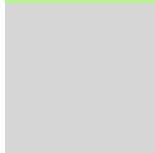
221.1680, -18.7490, -18.1490

Monochromacy



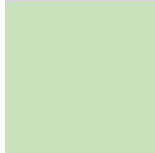
Original Color

214.4810, -4.7140, -46.7460



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

214.3780, -1.7850, -17.2170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.4810, -4.7140, -46.7460 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, 246, 140)` looks like.

```
.text, #text, p{  
    color:rgb(181, 246, 140)  
}
```

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, 246, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 246, 140) }
```

Border

The CSS property to change the border of an element to YIQ 214.4810, -4.7140, -46.7460 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, 246, 140) }
```


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

```
.border{ border-color:rgb(181, 246, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 246, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 246, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 246, 140);  
box-shadow:4px 4px 4px 4px rgb(181, 246,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 214.4810, -4.7140, -46.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 246, 140) }
```

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

```
.background{ background-color: rgb(181,  
246, 140) }
```

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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