

Converting Colors

YIQ(219.0820, -7.6040,
-38.4200)

Have a look what the booklet for
YIQ(219.0820, -7.6040, -38.4200)
contains.

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Color

**YIQ(219.0820, -7.6040,
-38.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF6A2
RGB	188, 246, 162
RGB Percent	74%, 96%, 64%
CMY	0.2629, 0.0352, 0.3647
CMYK	0.24, 0.00, 0.34, 0.04
HSL	101°, 82%, 80%
HSV	101°, 34%, 96%
XYZ	60.2126, 79.2204, 46.3041
YIQ	219.0820, -7.6040, -38.4200

Conversions

Conversions Part 2

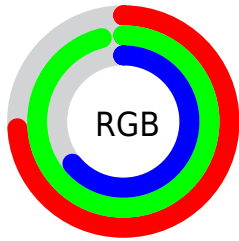
Format	Color
RYB	162, 246, 220
Decimal	12383906
CIELab	91.33, -33.22, 34.66
CIELCh	91, 48.009, 133.788
Yxy	79.2204, 0.3242, 0.4265
Android (android.graphics.Color)	4290573986 (0xFFBCF6A2)
YUV	219.0820, -28.1414, -27.2589
Hunter-Lab	89.0058, -35.0047, 31.4593

Details

The YIQ color **219.0820, -7.6040, -38.4200** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **188.9180, 7.6040, 38.4200**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **247.6780, 6.2380, -13.9380**, and **163.1360, -7.6960, -36.7520** is the 20% darker color. If you saturate the color by 10%, you get **211.1490, -9.7110, -49.7990**, and if you desaturate by 10%, it is **227.0150, -5.4970, -27.0410**.

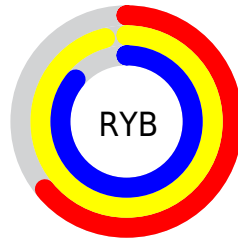
Distribution



Red (74%)

Green (96%)

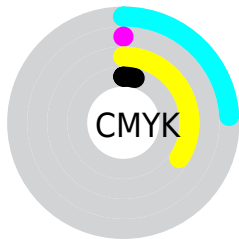
Blue (64%)



Red (64%)

Yellow (96%)

Blue (86%)

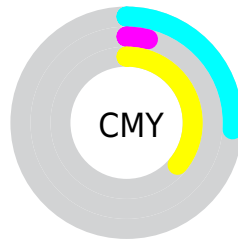


Cyan (24%)

Magenta (0%)

Yellow (34%)

Black (4%)



Cyan (26%)


Magenta (4%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.0820, -7.6040, -38.4200 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 219.0820, -7.6040, -38.4200 by changing the saturation by 10% instead.


 219.0820, -7.6040,
-38.4200

 219.0820, -7.6040,
-38.4200

255.0000, -0.0000,
-0.0000

 190.6090, -7.6500,
-37.5860


 247.6780, 6.2380,
-13.9380


 163.1360, -7.6960,
-36.7520

 253.9740, 2.8890,
-2.7990

 136.3640, -8.3380,
-36.1300

 110.5920, -8.9800,
-35.5080

 85.1190, -9.0260,
-34.6740

 59.4070, -9.8970,
-35.4090

 35.8070, -16.7750,

-31.9030

■ 23.4800, -11.0000,
-20.9200

■ 5.2830, -2.4750,
-4.7070

■ 219.0820, -7.6040,
-38.4200

■ 219.0820, -7.6040,
-38.4200

■ 211.1490, -9.7110,
-49.7990

■ 227.0150, -5.4970,
-27.0410

■ 203.3300,
-12.1390, -60.8670

■ 234.8340, -3.0690,
-15.9730

■ 195.3970,
-14.2460, -72.2460

■ 242.7670, -0.9620,
-4.5940

■ 187.5780,
-16.6740, -83.3140

■ 249.7170, 2.4750,
4.7070

■ 179.6450,
-18.7810, -94.6930

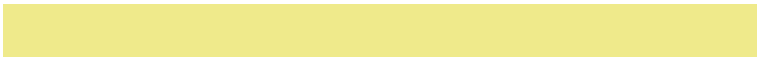
■ 171.7120,
-20.8880, -106.0720

■ 167.1260,
-22.3540, -112.5460

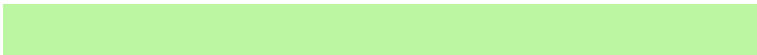
Harmonies

Analogous

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



224.6650, 33.4750, -28.4850



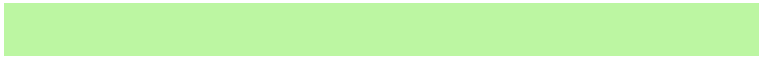
219.0820, -7.6040, -38.4200



210.2240, -57.8540, -41.8380

Triad

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



219.0820, -7.6040, -38.4200



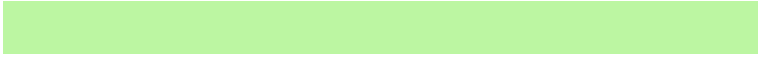
206.1070, -78.6730, -22.4570



214.0630, 31.2200, 17.9080

Complementary

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



219.0820, -7.6040, -38.4200



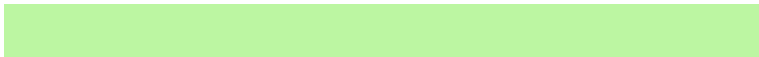
188.9180, 7.6040, 38.4200

Split Complementary

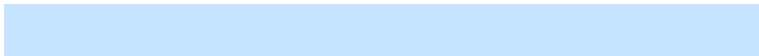
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.9540, 15.9500, 30.3340



219.0820, -7.6040, -38.4200



221.5210, -26.2720, 2.5600

Square

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



219.0820, -7.6040, -38.4200



182.9850, -137.7680, -47.3040



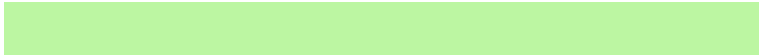
228.5850, 12.3750, 23.5350



214.5580, 42.2270, 0.1390

Rectangle

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



219.0820, -7.6040, -38.4200



201.2920, -96.0920, -42.6840



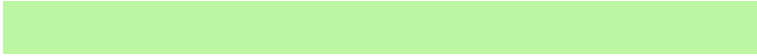
228.5850, 12.3750, 23.5350



215.8870, 26.0840, 22.8840

Sweetspot

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



219.0820, -7.6040, -38.4200



246.7680, -2.7030, -11.5910



220.5750, 34.3890, -12.0030



122.8870, -1.4200, -7.3080



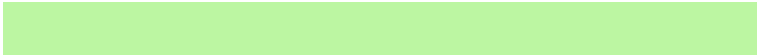
0.0000, 0.0000, 0.0000



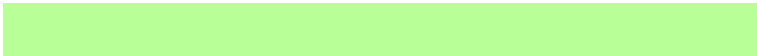
128.0000, -0.0000, -0.0000

Same Dimension

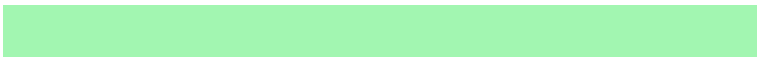
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.0820, -7.6040, -38.4200



221.5020, -9.2070, -47.9190



213.0180, -27.9150, -39.2670



118.2400, -0.9160, -5.4280



126.2250, -17.1780, -85.1940



40.0150, -5.4970, -27.0410

Inverse Universe

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



188.9180, 7.6040, 38.4200



183.7970, 9.8030, 48.1310



194.9820, 27.9150, 39.2670



114.0590, 1.5120, 5.6400



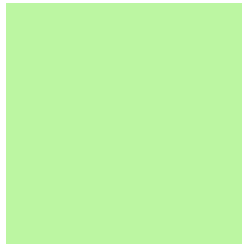
59.7750, 17.1780, 85.1940



18.9850, 5.4970, 27.0410

Previews

White Background



This preview shows how the YIQ color 219.0820, -7.6040, -38.4200 looks on a white background.

Color Contrast Check

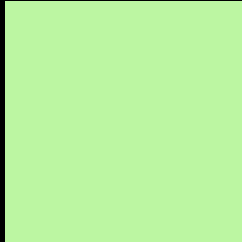
Large Text (above 18pt) WCAG AA × Fail

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 219.0820, -7.6040, -38.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

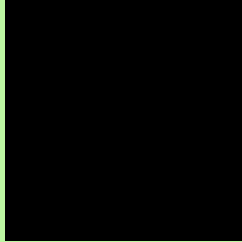
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

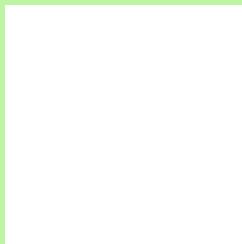
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.0820, -7.6040, -38.4200

Background



This preview shows how black text looks on a background with the YIQ color 219.0820, -7.6040, -38.4200.



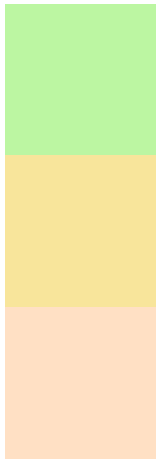
This preview shows how white text looks on a background with the YIQ color 219.0820, -7.6040,

-38.4200.

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

219.0820, -7.6040, -38.4200

Protanopia

226.2450, 35.0780, -18.9860

Deuteranopia

230.0770, 27.4640, -2.1360



Tritanopia

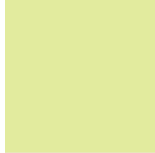
227.4840, -24.8500, -1.1860

Trichromacy



Original Color

219.0820, -7.6040, -38.4200



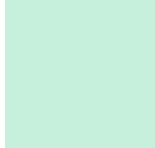
Protanomaly

223.5310, 19.3530, -25.8550



Deuteranomaly

226.2290, 14.8120, -15.1400



Tritanomaly

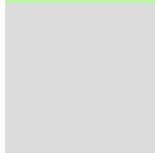
224.5750, -18.3370, -14.6010

Monochromacy



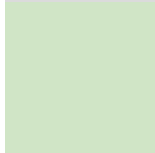
Original Color

219.0820, -7.6040, -38.4200



Achromatopsia

219.0000, 0.0000, -0.0000



Achromatomaly

219.1870, -2.5650, -14.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.0820, -7.6040, -38.4200 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, 246, 162)` looks like.

```
.text, #text, p{  
    color:rgb(188, 246, 162)  
}
```

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, 246, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 246, 162) }
```

Border

The CSS property to change the border of an element to YIQ 219.0820, -7.6040, -38.4200 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, 246, 162) }
```


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

```
.border{ border-color:rgb(188, 246, 162) }
```

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

Here you see how a box with a 4 pixel rgb(188, 246, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 246, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 246, 162);  
box-shadow:4px 4px 4px 4px rgb(188, 246,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 219.0820, -7.6040, -38.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 246, 162) }
```

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

```
.background{ background-color: rgb(188,  
246, 162) }
```

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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