

Converting Colors

YIQ(219.5060, -5.8620,
-36.9500)

Have a look what the booklet for
YIQ(219.5060, -5.8620, -36.9500)
contains.

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Color

**YIQ(219.5060, -5.8620,
-36.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF5A3
RGB	191, 245, 163
RGB Percent	75%, 96%, 64%
CMY	0.2512, 0.0391, 0.3607
CMYK	0.22, 0.00, 0.33, 0.04
HSL	100°, 80%, 80%
HSV	100°, 33%, 96%
XYZ	60.7453, 79.0336, 46.7085
YIQ	219.5060, -5.8620, -36.9500

Conversions

Conversions Part 2

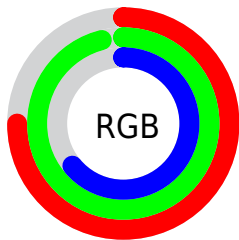
Format	Color
RYB	163, 245, 217
Decimal	12580259
CIELab	91.25, -31.60, 34.08
CIELCh	91, 46.470, 132.837
Yxy	79.0336, 0.3257, 0.4238
Android (android.graphics.Color)	4290770339 (0xFFBFF5A3)
YUV	219.5060, -27.8575, -24.9998
Hunter-Lab	88.9008, -33.6086, 31.0796

Details

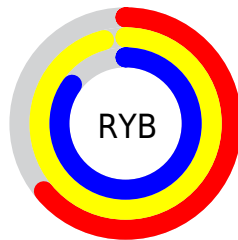
The YIQ color **219.5060, -5.8620, -36.9500** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **188.4940, 5.8620, 36.9500**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.6890, 7.7050, -12.9910**, and **163.5600, -5.9540, -35.2820** is the 20% darker color. If you saturate the color by 10%, you get **211.9860, -7.6940, -47.8060**, and if you desaturate by 10%, it is **227.1400, -4.3510, -25.7830**.

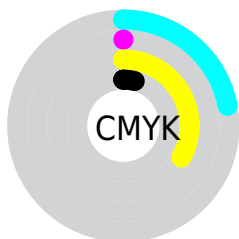
Distribution



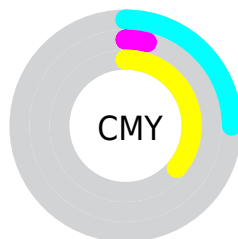
- Red (75%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (85%)



- Cyan (22%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (25%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.5060, -5.8620, -36.9500 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 219.5060, -5.8620, -36.9500 by changing the saturation by 10% instead.


 219.5060, -5.8620,
-36.9500


 219.5060, -5.8620,
-36.9500

255.0000, -0.0000,
-0.0000


 191.0330, -5.9080,
-36.1160


 248.8030, 7.3840,
-12.6800


 164.1470, -6.2290,
-35.8050

 254.0880, 2.5680,
-2.4880

 137.0870, -6.0000,
-34.4480

 111.3150, -6.6420,
-33.8260

 85.5430, -7.2840,
-33.2040

 60.8310, -8.1550,
-33.9390

 36.7040, -14.9870,

-31.2670

■ 22.8930, -10.7250,
-20.3970

■ 5.2830, -2.4750,
-4.7070

■ 219.5060, -5.8620,
-36.9500

■ 219.5060, -5.8620,
-36.9500

■ 211.9860, -7.6940,
-47.8060

■ 227.1400, -4.3510,
-25.7830

■ 204.3520, -9.2050,
-58.9730

■ 234.6600, -2.5190,
-14.9270

■ 196.5330,
-11.6330, -70.0410

■ 242.2940, -1.0080,
-3.7600

■ 188.8990,
-13.1440, -81.2080

■ 249.1300, 2.7500,
5.2300

■ 181.2650,
-14.6550, -92.3750

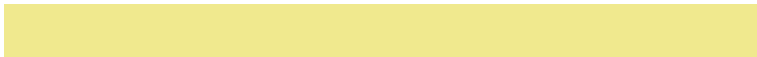
■ 173.7450,
-16.4870, -103.2310

■ 168.6320,
-17.9070, -110.5390

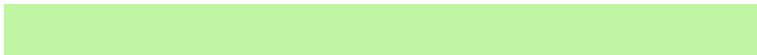
Harmonies

Analogous

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



224.7190, 33.3830, -26.8170



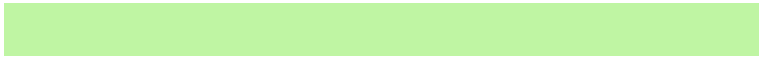
219.5060, -5.8620, -36.9500



211.3170, -53.6820, -40.3540

Triad

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



219.5060, -5.8620, -36.9500



207.3030, -76.2890, -21.6090



215.4650, 30.0280, 17.4840

Complementary

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



219.5060, -5.8620, -36.9500



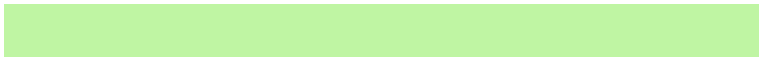
188.4940, 5.8620, 36.9500

Split Complementary

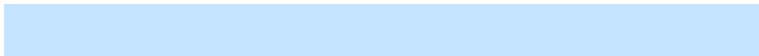
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.1280, 15.4000, 29.2880



219.5060, -5.8620, -36.9500



221.8090, -27.1430, 1.8250

Square

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



219.5060, -5.8620, -36.9500



191.0580, -121.6760, -41.5800



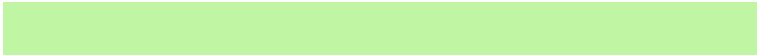
229.1720, 12.1000, 23.0120



215.4870, 40.9890, 0.5490

Rectangle

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



219.5060, -5.8620, -36.9500



203.7660, -88.6190, -40.4510



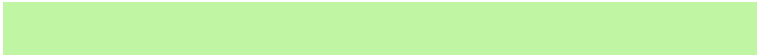
229.1720, 12.1000, 23.0120



216.5880, 25.4880, 22.6720

Sweetspot

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



219.5060, -5.8620, -36.9500



247.0670, -2.1070, -11.3790



218.6290, 34.2970, -10.3350



122.8870, -1.4200, -7.3080



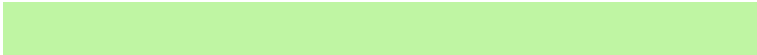
0.0000, 0.0000, 0.0000



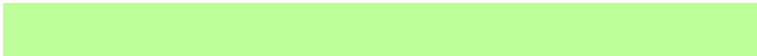
128.0000, -0.0000, -0.0000

Same Dimension

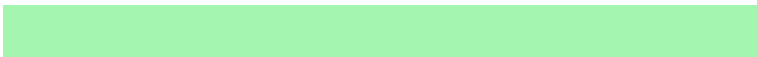
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.5060, -5.8620, -36.9500



223.3390, -7.1900, -45.9260



212.5020, -26.4020, -39.1540



118.2400, -0.9160, -5.4280



128.0190, -13.6020, -83.9220



40.6130, -4.3050, -26.6170

Inverse Universe

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



188.4940, 5.8620, 36.9500



184.6610, 7.1900, 45.9260



195.4980, 26.4020, 39.1540



113.7600, 0.9160, 5.4280



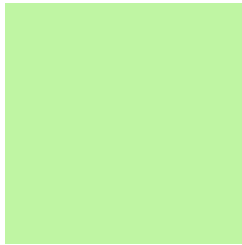
57.9810, 13.6020, 83.9220



18.3870, 4.3050, 26.6170

Previews

White Background



This preview shows how the YIQ color 219.5060, -5.8620, -36.9500 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 219.5060, -5.8620, -36.9500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

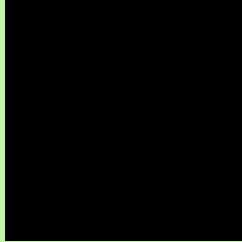
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

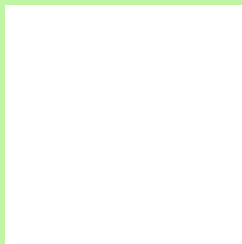
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.5060, -5.8620, -36.9500

Background



This preview shows how black text looks on a background with the YIQ color 219.5060, -5.8620, -36.9500.



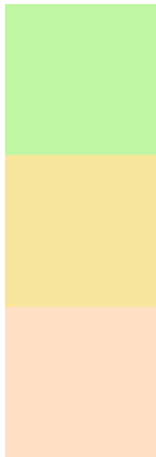
This preview shows how white text looks on a background with the YIQ color 219.5060, -5.8620,

-36.9500.

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

219.5060, -5.8620, -36.9500

Protanopia

226.3590, 34.7570, -18.6750

Deuteranopia

230.0770, 27.4640, -2.1360



Tritanopia

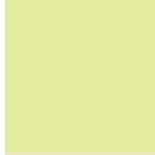
227.3810, -23.0620, -0.5500

Trichromacy



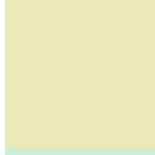
Original Color

219.5060, -5.8620, -36.9500



Protanomaly

223.9440, 19.6280, -25.3320



Deuteranomaly

226.5280, 15.4080, -14.9280



Tritanomaly

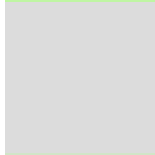
224.5860, -16.8700, -13.6540

Monochromacy



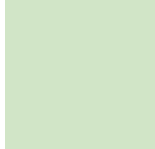
Original Color

219.5060, -5.8620, -36.9500



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

219.6000, -2.2900, -13.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.5060, -5.8620, -36.9500 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, 245, 163)` looks like.

```
.text, #text, p{  
    color:rgb(191, 245, 163)  
}
```

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, 245, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 245, 163) }
```

Border

The CSS property to change the border of an element to YIQ 219.5060, -5.8620, -36.9500 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, 245, 163) }
```


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

```
.border{ border-color:rgb(191, 245, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 245, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 245, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 245, 163); box-shadow:4px 4px 4px 4px rgb(191, 245, 163) }
```

Background

The CSS property to change the background color of an element to YIQ 219.5060, -5.8620, -36.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 245, 163) }
```

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

```
.background{ background-color: rgb(191,  
245, 163) }
```

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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