

Converting Colors

YIQ(219.4200, 5.2830, -57.2210)

Have a look what the booklet for
YIQ(219.4200, 5.2830, -57.2210)
contains.

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Color

**YIQ(219.4200, 5.2830,
-57.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDF74</code>
RGB	<code>189, 255, 116</code>
RGB Percent	<code>74%, 100%, 45%</code>
CMY	<code>0.2591, 0.0000, 0.5450</code>
CMYK	<code>0.26, 0.00, 0.54, 0.00</code>
HSL	<code>89°, 100%, 73%</code>
HSV	<code>89°, 54%, 100%</code>
XYZ	<code>59.8852, 83.5926, 29.5117</code>
YIQ	<code>219.4200, 5.2830, -57.2210</code>

Conversions

Conversions Part 2

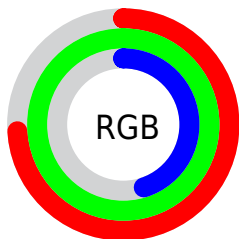
Format	Color
RYB	116, 255, 182
Decimal	12451700
CIELab	93.27, -42.36, 58.97
CIELCh	93, 72.608, 125.692
Yxy	83.5926, 0.3462, 0.4832
Android (android.graphics.Color)	4290641780 (0xFFBDF74)
YUV	219.4200, -50.9861, -26.6783
Hunter-Lab	91.4290, -43.0848, 44.8625

Details

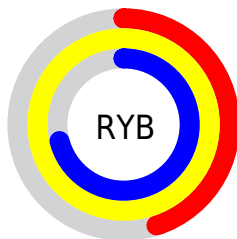
The YIQ color **219.4200, 5.2830, -57.2210** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **151.5800, -5.2830, 57.2210**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3310, 22.7920, -27.6080**, and **162.6480, 4.6410, -56.5990** is the 20% darker color. If you saturate the color by 10%, you get **212.9820, 6.1560, -67.5400**, and if you desaturate by 10%, it is **225.9720, 4.0890, -46.5910**.

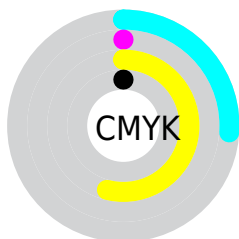
Distribution



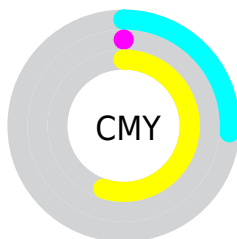
- Red (74%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (71%)



- Cyan (26%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.4200, 5.2830, -57.2210 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 219.4200, 5.2830, -57.2210 by changing the saturation by 10% instead.

■ 219.4200, 5.2830,
-57.2210

■ 219.4200, 5.2830,
-57.2210

■ 255.0000, -0.0000,
-0.0000

■ 190.6480, 4.6410,
-56.5990

■ 243.3310, 22.7920,
-27.6080

■ 162.6480, 4.6410,
-56.5990

■ 248.7300, 17.6550,
-17.1050

■ 134.4200, 5.2830,
-57.2210

■ 252.0360, 8.3460,
-8.0860

■ 107.2520, 5.6960,
-59.2000

■ 82.7320, -4.1630,
-51.2270

■ 57.2930, -18.7440,
-45.7840

■ 39.9160, -18.7000,

-35.5640

■ 26.4150, -12.3750,
-23.5350

■ 11.7400, -5.5000,
-10.4600

■ 219.4200, 5.2830,
-57.2210

■ 219.4200, 5.2830,
-57.2210

■ 212.9820, 6.1560,
-67.5400

■ 225.9720, 4.0890,
-46.5910

■ 206.4300, 7.3500,
-78.1700

■ 232.4100, 3.2160,
-36.2720

■ 199.9920, 8.2230,
-88.4890

■ 238.9620, 2.0220,
-25.6420

■ 193.1410, 8.8210,
-99.3310

■ 245.4000, 1.1490,
-15.3230

■ 189.7510, 9.7390,
-104.9570

■ 252.2510, 0.5510,
-4.4810

255.0000, -0.0000,
-0.0000

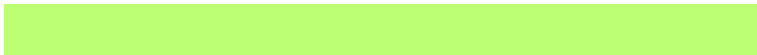
Harmonies

Analogous

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



224.8090, 58.8320, -42.0000



219.4200, 5.2830, -57.2210



193.5550, -78.6200, -61.9800

Triad

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



219.4200, 5.2830, -57.2210



178.7550, -151.9800, -54.0600



203.4460, 32.1800, 33.5560

Complementary

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



219.4200, 5.2830, -57.2210



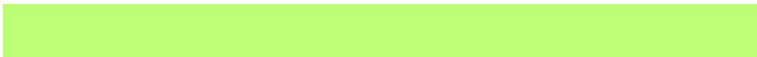
151.5800, -5.2830, 57.2210

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.



213.9100, 19.2500, 36.6100



219.4200, 5.2830, -57.2210



207.0370, -72.4840, -18.9800

Square

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



219.4200, 5.2830, -57.2210



178.7550, -151.9800, -54.0600



229.7590, 11.8250, 22.4890



203.4390, 50.1120, 5.9200

Rectangle

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



219.4200, 5.2830, -57.2210



175.1070, -141.7080, -64.0120



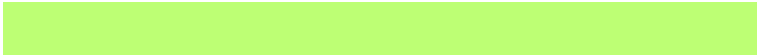
229.7590, 11.8250, 22.4890



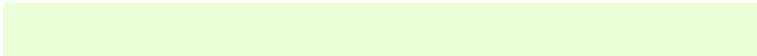
207.3560, 23.9260, 39.9740

Sweetspot

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



219.4200, 5.2830, -57.2210



244.6450, 1.8370, -16.7790



195.7160, 64.9690, -4.5270



121.5620, 0.8730, -10.3190



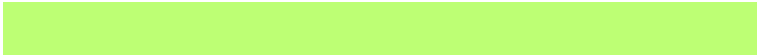
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



219.4200, 5.2830, -57.2210



212.4550, 6.2020, -68.3740



199.0880, -35.2450, -71.6370



124.4250, 0.0010, -5.5270



142.0170, 7.0750, -78.6930



47.4350, 2.0680, -26.4760

Inverse Universe

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



151.5800, -5.2830, 57.2210



131.5450, -6.2020, 68.3740



171.9120, 35.2450, 71.6370



118.2760, -0.5970, 5.3150



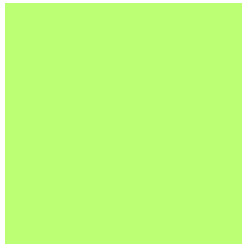
48.9830, -7.0750, 78.6930



16.2660, -2.6640, 26.2640

Previews

White Background



This preview shows how the YIQ color 219.4200, 5.2830, -57.2210 looks on a white background.

Color Contrast Check

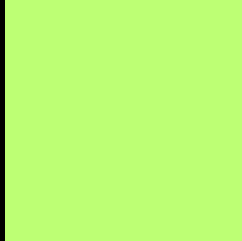
Large Text (above 18pt) WCAG AA × Fail

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 219.4200, 5.2830, -57.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

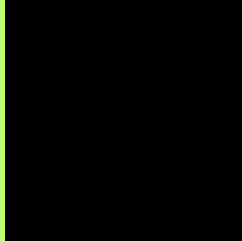
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

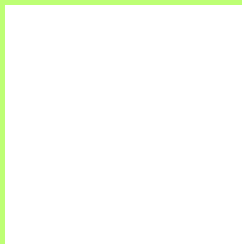
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.4200, 5.2830, -57.2210

Background



This preview shows how black text looks on a background with the YIQ color 219.4200, 5.2830, -57.2210.



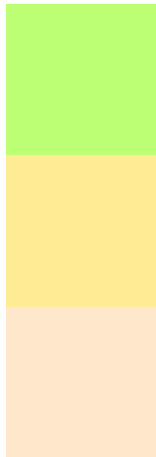
This preview shows how white text looks on a background with the YIQ color 219.4200, 5.2830, -57.2210.

-57.2210.

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

219.4200, 5.2830, -57.2210

Protanopia

231.0620, 39.8470, -22.8170

Deuteranopia

235.0980, 22.9710, -3.3090



Tritanopia

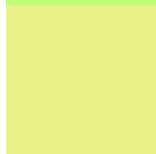
233.3490, -20.0360, -0.3240

Trichromacy



Original Color

219.4200, 5.2830, -57.2210



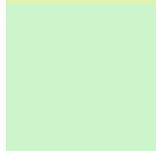
Protanomaly

226.6270, 27.4700, -35.2980



Deuteranomaly

229.5570, 16.4640, -23.0560



Tritanomaly

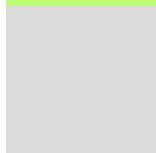
228.3660, -10.6790, -21.2310

Monochromacy



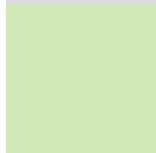
Original Color

219.4200, 5.2830, -57.2210



Achromatopsia

219.0000, 0.0000, -0.0000



Achromatomaly

219.1240, 1.7460, -20.6380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.4200, 5.2830, -57.2210 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(189, 255, 116)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 116)  
}
```

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(189, 255, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 116) }
```

Border

The CSS property to change the border of an element to YIQ 219.4200, 5.2830, -57.2210 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(189, 255, 116) }
```


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

```
.border{ border-color:rgb(189, 255, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 116);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 219.4200, 5.2830, -57.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 116) }
```

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

```
.background{ background-color: rgb(189,  
255, 116) }
```

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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