

Converting Colors

YIQ(219.3360, -3.1080,
-53.8280)

Have a look what the booklet for
YIQ(219.3360, -3.1080, -53.8280)
contains.

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Color

**YIQ(219.3360, -3.1080,
-53.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	B7FF83
RGB	183, 255, 131
RGB Percent	72%, 100%, 51%
CMY	0.2826, 0.0000, 0.4862
CMYK	0.28, 0.00, 0.49, 0.00
HSL	95°, 100%, 76%
HSV	95°, 49%, 100%
XYZ	59.3715, 83.2188, 34.4139
YIQ	219.3360, -3.1080, -53.8280

Conversions

Conversions Part 2

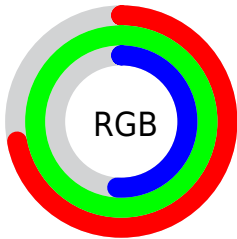
Format	Color
RYB	131, 255, 203
Decimal	12058499
CIELab	93.11, -42.89, 51.89
CIELCh	93, 67.316, 129.576
Yxy	83.2188, 0.3354, 0.4702
Android (android.graphics.Color)	4290248579 (0xFFB7FF83)
YUV	219.3360, -43.5496, -31.8667
Hunter-Lab	91.2243, -43.4694, 41.4902

Details

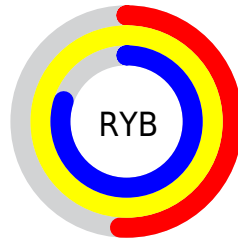
The YIQ color **219.3360, -3.1080, -53.8280** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **166.6640, 3.1080, 53.8280**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.9480, 13.8050, -24.4270**, and **163.0910, -3.7960, -52.3720** is the 20% darker color. If you saturate the color by 10%, you get **212.0010, -4.0230, -64.7830**, and if you desaturate by 10%, it is **226.7850, -2.5140, -42.5620**.

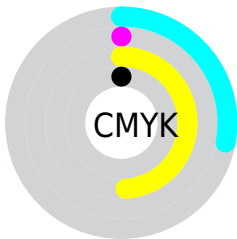
Distribution



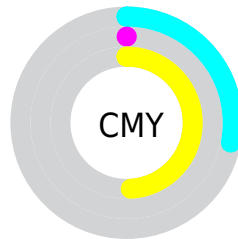
- Red (72%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (80%)



- Cyan (28%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.3360, -3.1080, -53.8280 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 219.3360, -3.1080, -53.8280 by changing the saturation by 10% instead.


 219.3360, -3.1080,
-53.8280


 219.3360, -3.1080,
-53.8280

255.0000, -0.0000,
-0.0000

 190.8630, -3.1540,
-52.9940

 242.9480, 13.8050,
-24.4270


 163.0910, -3.7960,
-52.3720


 250.4400, 12.8400,
-12.4400

 135.2050, -4.1170,
-52.0610

 253.7460, 3.5310,
-3.4210

 107.5640, -3.7500,
-53.2060

 80.9380, -7.7390,
-52.4990

 54.0040, -25.3000,
-48.1160

 39.9160, -18.7000,

-35.5640

■ 26.4150, -12.3750,
-23.5350

■ 11.1530, -5.2250,
-9.9370

■ 219.3360, -3.1080,
-53.8280

■ 219.3360, -3.1080,
-53.8280

■ 212.0010, -4.0230,
-64.7830

■ 226.7850, -2.5140,
-42.5620

■ 204.5520, -4.6170,
-76.0490

■ 234.1200, -1.5990,
-31.6070

■ 197.2170, -5.5320,
-87.0040

■ 241.2700, -1.6010,
-20.5530

■ 190.0670, -5.5300,
-98.0580

■ 248.6050, -0.6860,
-9.5980

■ 182.7320, -6.4450, 255.0000, -0.0000,
-109.0130 -0.0000

■ 181.6780, -6.3530,
-110.6810

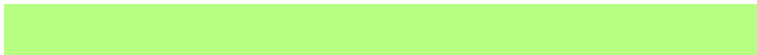
Harmonies

Analogous

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



226.8670, 52.9170, -39.4270



219.3360, -3.1080, -53.8280



195.3360, -82.1970, -57.7250

Triad

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



219.3360, -3.1080, -53.8280



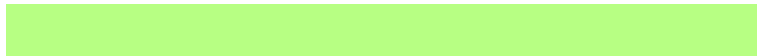
178.1680, -151.7050, -53.5370



206.0560, 33.0980, 27.9300

Complementary

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



219.3360, -3.1080, -53.8280



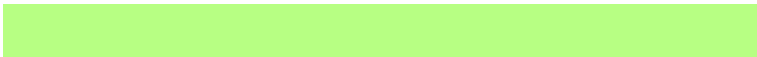
166.6640, 3.1080, 53.8280

Split Complementary

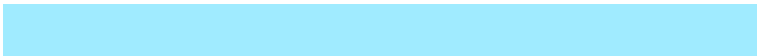
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.0840, 18.7000, 35.5640



219.3360, -3.1080, -53.8280



214.8550, -51.1200, -9.6800

Square

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



219.3360, -3.1080, -53.8280



178.7550, -151.9800, -54.0600



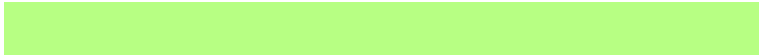
228.5850, 12.3750, 23.5350



206.7330, 49.1040, 2.1600

Rectangle

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



219.3360, -3.1080, -53.8280



176.1330, -144.5970, -61.2130



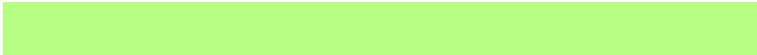
228.5850, 12.3750, 23.5350



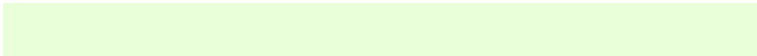
209.1510, 25.7610, 34.2490

Sweetspot

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



219.3360, -3.1080, -53.8280



244.0900, -0.9140, -16.4820



209.1660, 54.6540, -10.3220



121.1920, -0.9610, -10.1210



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.



219.3360, -3.1080, -53.8280



212.4140, -3.7480, -64.2600



204.7000, -36.6680, -62.3640



124.1260, -0.5950, -5.7390



136.0370, -4.8450, -82.9330



45.6410, -1.5080, -27.7480

Inverse Universe

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



166.6640, 3.1080, 53.8280



149.5860, 3.7480, 64.2600



181.3000, 36.6680, 62.3640



118.5750, -0.0010, 5.5270



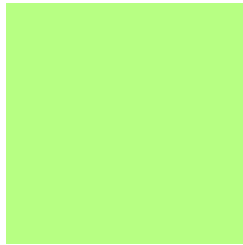
54.9630, 4.8450, 82.9330



18.3590, 1.5080, 27.7480

Previews

White Background



This preview shows how the YIQ color 219.3360, -3.1080, -53.8280 looks on a white background.

Color Contrast Check

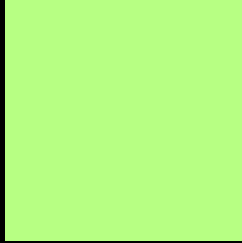
Large Text (above 18pt) WCAG AA × Fail

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 219.3360, -3.1080, -53.8280 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

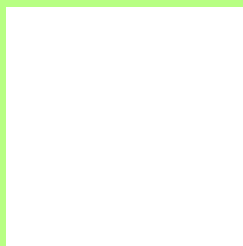
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.3360, -3.1080, -53.8280

Background



This preview shows how black text looks on a background with the YIQ color 219.3360, -3.1080, -53.8280.



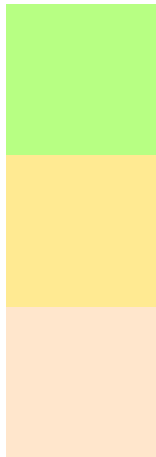
This preview shows how white text looks on a background with the YIQ color 219.3360, -3.1080,

-53.8280.

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

219.3360, -3.1080, -53.8280

Protanopia

230.2470, 40.7640, -22.9160

Deuteranopia

234.5110, 23.2460, -2.7860



Tritanopia

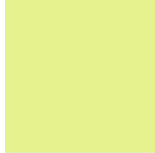
231.8540, -23.0160, -1.3840

Trichromacy



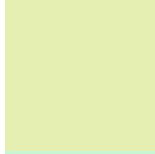
Original Color

219.3360, -3.1080, -53.8280



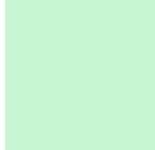
Protanomaly

226.5990, 24.6730, -34.1670



Deuteranomaly

228.9420, 13.9420, -21.4020



Tritanomaly

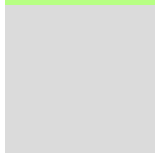
227.5550, -15.5850, -20.4250

Monochromacy



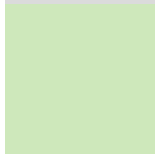
Original Color

219.3360, -3.1080, -53.8280



Achromatopsia

219.0000, 0.0000, -0.0000



Achromatomaly

219.0960, -1.0510, -19.5070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.3360, -3.1080, -53.8280 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(183, 255, 131)` looks like.

```
.text, #text, p{  
    color:rgb(183, 255, 131)  
}
```

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(183, 255, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 131) }
```

Border

The CSS property to change the border of an element to YIQ 219.3360, -3.1080, -53.8280 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(183, 255, 131) }
```


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

```
.border{ border-color:rgb(183, 255, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 255, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 255, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 255, 131);  
box-shadow:4px 4px 4px 4px rgb(183, 255,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 219.3360, -3.1080, -53.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 255, 131) }
```

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

```
.background{ background-color: rgb(183,  
255, 131) }
```

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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