

Converting Colors

YIQ(218.9920, 9.3640, -59.5960)

Have a look what the booklet for
YIQ(218.9920, 9.3640, -59.5960)
contains.

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Color

**YIQ(218.9920, 9.3640,
-59.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	BFFF6B
RGB	191, 255, 107
RGB Percent	75%, 100%, 42%
CMY	0.2512, 0.0000, 0.5802
CMYK	0.25, 0.00, 0.58, 0.00
HSL	86°, 100%, 71%
HSV	86°, 58%, 100%
XYZ	59.8861, 83.6506, 26.9105
YIQ	218.9920, 9.3640, -59.5960

Conversions

Conversions Part 2

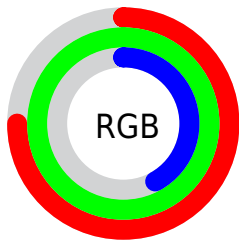
Format	Color
RYB	107, 255, 171
Decimal	12582763
CIELab	93.30, -42.47, 62.93
CIElCh	93, 75.923, 124.012
Yxy	83.6506, 0.3513, 0.4908
Android (android.graphics.Color)	4290772843 (0xFFBFFF6B)
YUV	218.9920, -55.2121, -24.5490
Hunter-Lab	91.4607, -43.1792, 46.5776

Details

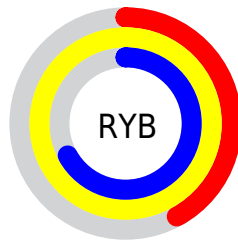
The YIQ color **218.9920, 9.3640, -59.5960** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **143.0080, -9.3640, 59.5960**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0170, 26.5520, -29.6720**, and **161.9920, 9.3640, -59.5960** is the 20% darker color. If you saturate the color by 10%, you get **212.8530, 10.8330, -69.7030**, and if you desaturate by 10%, it is **225.2450, 7.5740, -49.1780**.

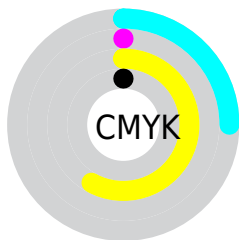
Distribution



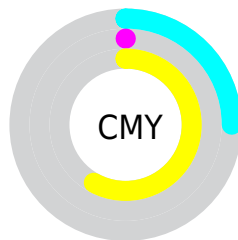
- Red (75%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (67%)



- Cyan (25%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.9920, 9.3640, -59.5960 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 218.9920, 9.3640, -59.5960 by changing the saturation by 10% instead.

218.9920, 9.3640,
-59.5960

218.9920, 9.3640,
-59.5960

255.0000, -0.0000,
-0.0000

190.1060, 9.0430,
-59.2850

243.0170, 26.5520,
-29.6720

161.9920, 9.3640,
-59.5960

247.7040, 20.5440,
-19.9040

132.6670, 11.6570,
-62.6070

251.0100, 11.2350,
-10.8850

107.5510, 6.2920,
-58.9880

254.3160, 1.9260,
-1.8660

83.6180, -3.8420,
-51.5380

56.9940, -19.3400,
-45.9960

39.9160, -18.7000,

-35.5640

■ 26.4150, -12.3750,
-23.5350

■ 11.7400, -5.5000,
-10.4600

■ 218.9920, 9.3640,
-59.5960

■ 218.9920, 9.3640,
-59.5960

■ 212.8530, 10.8330,
-69.7030

■ 225.2450, 7.5740,
-49.1780

■ 206.6000, 12.6230,
-80.1210

■ 231.3840, 6.1050,
-39.0710

■ 200.4610, 14.0920,
-90.2280

■ 237.6370, 4.3150,
-28.6530

■ 194.2080, 15.8820,
-100.6460

■ 243.7760, 2.8460,
-18.5460

■ 193.0400, 16.2950,
-102.6250

■ 250.0290, 1.0560,
-8.1280

255.0000, -0.0000,
-0.0000

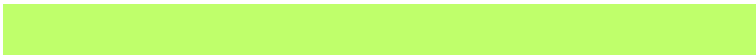
Harmonies

Analogous

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



223.1960, 61.9960, -44.2760



218.9920, 9.3640, -59.5960



191.6750, -79.0780, -64.6940

Triad

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



218.9920, 9.3640, -59.5960



178.7550, -151.9800, -54.0600



201.5540, 31.9960, 36.8920

Complementary

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



218.9920, 9.3640, -59.5960



143.0080, -9.3640, 59.5960

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.



212.7360, 19.8000, 37.6560



218.9920, 9.3640, -59.5960



200.4370, -88.5300, -25.5380

Square

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



218.9920, 9.3640, -59.5960



178.7550, -151.9800, -54.0600



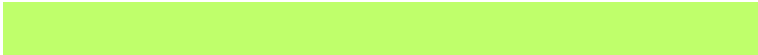
228.8620, 10.0370, 21.8530



200.5040, 51.4870, 8.5350

Rectangle

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



218.9920, 9.3640, -59.5960



174.5370, -140.1030, -65.5670



228.8620, 10.0370, 21.8530



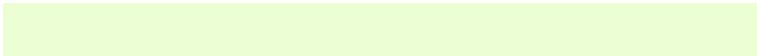
205.5780, 23.4210, 43.6210

Sweetspot

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



218.9920, 9.3640, -59.5960



244.4170, 2.4790, -17.4010



187.6460, 71.1580, -1.0500



121.4480, 1.1940, -10.6300



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.



218.9920, 9.3640, -59.5960



211.6850, 11.2460, -71.6820



197.4640, -33.5480, -74.8600



124.7240, 0.5970, -5.3150



144.4090, 11.8430, -76.9970



48.3320, 3.8560, -25.8400

Inverse Universe

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



143.0080, -9.3640, 59.5960



120.3150, -11.2460, 71.6820



164.5360, 33.5480, 74.8600



117.9770, -1.1930, 5.1030



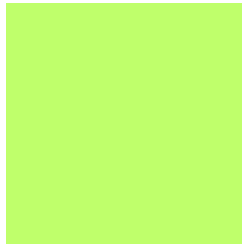
46.5910, -11.8430, 76.9970



15.6680, -3.8560, 25.8400

Previews

White Background



This preview shows how the YIQ color 218.9920, 9.3640, -59.5960 looks on a white background.

Color Contrast Check

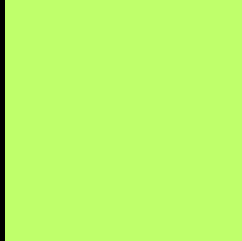
Large Text (above 18pt) WCAG AA × Fail

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 218.9920, 9.3640, -59.5960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

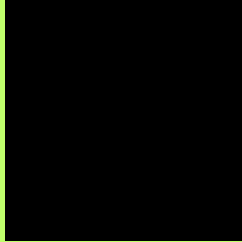
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.9920, 9.3640, -59.5960

Background



This preview shows how black text looks on a background with the YIQ color 218.9920, 9.3640, -59.5960.



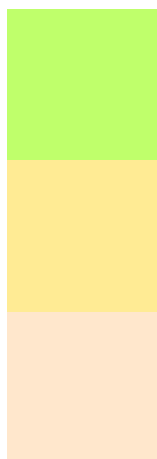
This preview shows how white text looks on a background with the YIQ color 218.9920, 9.3640, -59.5960.

-59.5960.

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

218.9920, 9.3640, -59.5960

Protanopia

231.0620, 39.8470, -22.8170

Deuteranopia

235.0980, 22.9710, -3.3090



Tritanopia

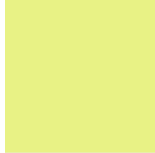
233.6480, -19.4400, -0.1120

Trichromacy



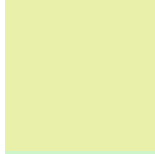
Original Color

218.9920, 9.3640, -59.5960



Protanomaly

226.5840, 29.0290, -36.0190



Deuteranomaly

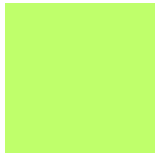
229.5140, 18.0230, -23.7770



Tritanomaly

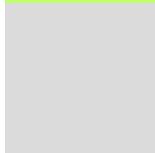
228.3230, -9.1200, -21.9520

Monochromacy



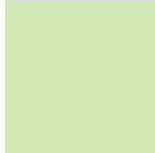
Original Color

218.9920, 9.3640, -59.5960



Achromatopsia

219.0000, 0.0000, -0.0000



Achromatomaly

218.9670, 3.6260, -21.6700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.9920, 9.3640, -59.5960 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, 255, 107)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 107)  
}
```

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, 255, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 107) }
```

Border

The CSS property to change the border of an element to YIQ 218.9920, 9.3640, -59.5960 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, 255, 107) }
```


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

```
.border{ border-color:rgb(191, 255, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 107);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 218.9920, 9.3640, -59.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 107) }
```

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

```
.background{ background-color: rgb(191,  
255, 107) }
```

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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