

Converting Colors

YIQ(208.2340, -46.6190,
-52.7230)

Have a look what the booklet for
YIQ(208.2340, -46.6190, -52.7230)
contains.

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Color

**YIQ(208.2340, -46.6190,
-52.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	83FFAA
RGB	131, 255, 170
RGB Percent	51%, 100%, 67%
CMY	0.4866, 0.0000, 0.3334
CMYK	0.49, 0.00, 0.33, 0.00
HSL	139°, 100%, 76%
HSV	139°, 49%, 100%
XYZ	52.3592, 79.2393, 50.5502
YIQ	208.2340, -46.6190, -52.7230

Conversions

Conversions Part 2

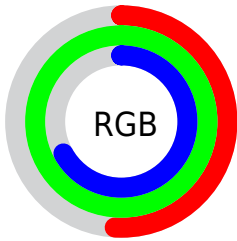
Format	Color
RYB	131, 225, 255
Decimal	8650666
CIELab	91.34, -52.80, 30.21
CIELCh	91, 60.835, 150.227
Yxy	79.2393, 0.2875, 0.4350
Android (android.graphics.Color)	4286840746 (0xFF83FFAA)
YUV	208.2340, -18.8494, -67.7342
Hunter-Lab	89.0165, -50.7858, 28.6422

Details

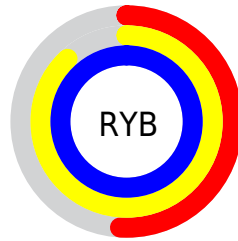
The YIQ color **208.2340, -46.6190, -52.7230** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **177.7660, 46.6190, 52.7230**, and the grayscale version is **208.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.2590, -29.4310, -22.7990**, and **149.9070, -50.0120, -51.8040** is the 20% darker color. If you saturate the color by 10%, you get **198.4080, -56.3370, -63.8330**, and if you desaturate by 10%, it is **217.6470, -37.1760, -42.1360**.

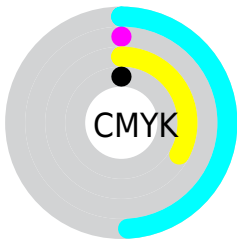
Distribution



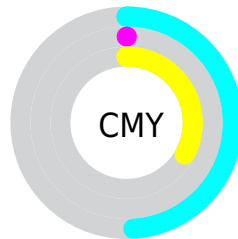
- Red (51%)
- Green (100%)
- Blue (67%)



- Red (51%)
- Yellow (88%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.2340, -46.6190, -52.7230 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 208.2340, -46.6190, -52.7230 by changing the saturation by 10% instead.

■ 208.2340,
-46.6190, -52.7230

■ 208.2340,
-46.6190, -52.7230

■ 255.0000, -0.0000,
-0.0000

■ 179.1630,
-47.8570, -52.3130

■ 232.2590,
-29.4310, -22.7990

■ 149.9070,
-50.0120, -51.8040

■ 244.5350,
-20.8600, -7.4200

■ 119.8460,
-57.2100, -53.5140

■ 253.5050, -2.9800,
-1.0600

■ 90.9920, -60.5570,
-53.4290

■ 73.1080, -46.0240,
-46.9840

■ 55.1100, -31.1700,
-40.8500

■ 38.1550, -17.8750,

-33.9950

■ 25.2410, -11.8250,
-22.4890

■ 5.2830, -2.4750,
-4.7070

■ 208.2340,
-46.6190, -52.7230

■ 208.2340,
-46.6190, -52.7230

■ 198.4080,
-56.3370, -63.8330

■ 217.6470,
-37.1760, -42.1360

■ 188.9950,
-65.7800, -74.4200

■ 227.4730,
-27.4580, -31.0260

■ 179.2830,
-75.8190, -85.2190

■ 236.8860,
-18.0150, -20.4390

■ 169.7560,
-84.9410, -96.1170

■ 246.7120, -8.2970,
-9.3290

■ 160.0440, 255.0000, -0.0000,
-94.9800, -106.9160 -0.0000

■ 158.8050,
-95.8050, -108.4850

Harmonies

Analogous

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



218.8870, 14.6340, -44.9660



208.2340, -46.6190, -52.7230



175.7910, -143.6340, -62.1460

Triad

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



208.2340, -46.6190, -52.7230



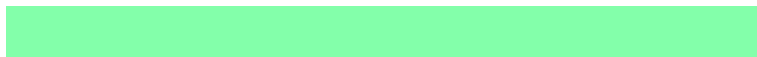
205.8740, -70.4670, -16.9870



205.9640, 44.3800, 10.6840

Complementary

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



208.2340, -46.6190, -52.7230



177.7660, 46.6190, 52.7230

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.



209.5270, 27.4580, 31.0260



208.2340, -46.6190, -52.7230



225.5400, -0.9200, 16.6800

Square

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



208.2340, -46.6190, -52.7230



176.4070, -150.8800, -51.9680



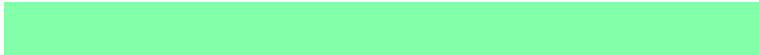
218.6060, 17.0500, 32.4260



211.9870, 53.6000, -13.2480

Rectangle

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



208.2340, -46.6190, -52.7230



178.7550, -151.9800, -54.0600



218.6060, 17.0500, 32.4260



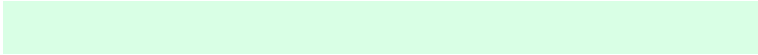
206.2550, 39.4270, 17.8510

Sweetspot

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



208.2340, -46.6190, -52.7230



240.6740, -14.3020, -16.1420



229.8010, 17.7520, -46.4080



119.2990, -8.5720, -9.8520



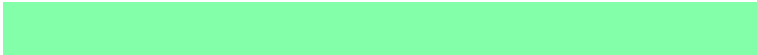
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



208.2340, -46.6190, -52.7230



199.2340, -55.7870, -62.7870



215.0740, -65.8790, -34.0630



123.0870, -4.8590, -5.5550



118.9570, -71.7850, -81.2330



39.8480, -24.0200, -27.2520

Inverse Universe

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



177.7660, 46.6190, 52.7230



162.7660, 55.7870, 62.7870



170.9260, 65.8790, 34.0630



119.7990, 5.1800, 5.2440



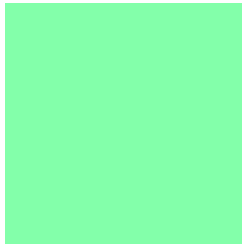
72.0430, 71.7850, 81.2330



24.1520, 24.0200, 27.2520

Previews

White Background



This preview shows how the YIQ color 208.2340, -46.6190, -52.7230 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 208.2340, -46.6190, -52.7230 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 208.2340, -46.6190, -52.7230 Background



This preview shows how black text looks on a background with the YIQ color 208.2340, -46.6190, -52.7230.



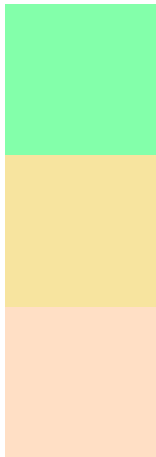
This preview shows how white text looks on a background with the YIQ color 208.2340, -46.6190, -52.7230.

-52.7230.

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

208.2340, -46.6190, -52.7230

Protanopia

225.8150, 33.4730, -17.4310

Deuteranopia

229.6040, 27.4180, -1.3020



Tritanopia

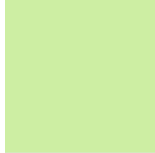
222.5740, -42.9590, -8.9030

Trichromacy



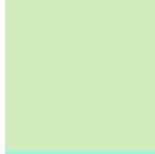
Original Color

208.2340, -46.6190, -52.7230



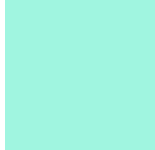
Protanomaly

219.5830, 4.4070, -30.3210



Deuteranomaly

222.0530, 0.5080, -20.2280



Tritanomaly

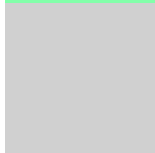
217.1910, -43.9190, -24.5510

Monochromacy



Original Color

208.2340, -46.6190, -52.7230



Achromatopsia

208.0000, -0.0000, -0.0000



Achromatomaly

208.0110, -16.8690, -19.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.2340, -46.6190, -52.7230 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(131, 255, 170)` looks like.

```
.text, #text, p{  
    color:rgb(131, 255, 170)  
}
```

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(131, 255, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 255, 170) }
```

Border

The CSS property to change the border of an element to YIQ 208.2340, -46.6190, -52.7230 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(131, 255, 170) }
```


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

```
.border{ border-color:rgb(131, 255, 170) }
```

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

Here you see how a box with a 4 pixel rgb(131, 255, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 255, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 255, 170);  
box-shadow:4px 4px 4px 4px rgb(131, 255,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 208.2340, -46.6190, -52.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 255, 170) }
```

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

```
.background{ background-color: rgb(131,  
255, 170) }
```

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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