

Converting Colors

YIQ(208.8130, -18.0530,
-63.8210)

Have a look what the booklet for
YIQ(208.8130, -18.0530, -63.8210)
contains.

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Color

**YIQ(208.8130, -18.0530,
-63.8210)**

Conversions

Conversions Part 1

Format	Color
Hex	98FF78
RGB	152, 255, 120
RGB Percent	60%, 100%, 47%
CMY	0.4042, 0.0000, 0.5294
CMYK	0.40, 0.00, 0.53, 0.00
HSL	106°, 100%, 74%
HSV	106°, 53%, 100%
XYZ	52.0839, 79.5436, 30.3803
YIQ	208.8130, -18.0530, -63.8210

Conversions

Conversions Part 2

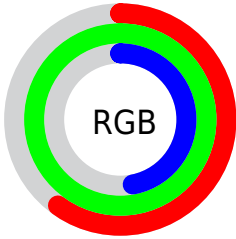
Format	Color
RYB	120, 255, 223
Decimal	10026872
CIELab	91.48, -54.12, 54.62
CIELCh	91, 76.889, 134.734
Yxy	79.5436, 0.3215, 0.4910
Android (android.graphics.Color)	4288216952 (0xFF98FF78)
YUV	208.8130, -43.7848, -49.8250
Hunter-Lab	89.1872, -51.8365, 42.2348

Details

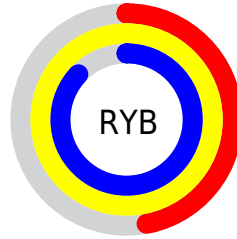
The YIQ color **208.8130, -18.0530, -63.8210** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **166.1870, 18.0530, 63.8210**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.7240, -0.5440, -34.2080**, and **150.9700, -19.9330, -62.7890** is the 20% darker color. If you saturate the color by 10%, you get **199.9830, -21.9480, -75.8360**, and if you desaturate by 10%, it is **217.4580, -15.0750, -51.7070**.

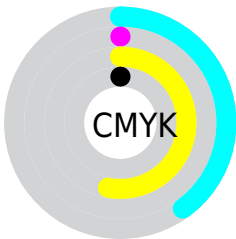
Distribution



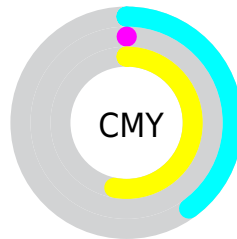
- Red (60%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.8130, -18.0530, -63.8210 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 208.8130, -18.0530, -63.8210 by changing the saturation by 10% instead.

■ 208.8130,
-18.0530, -63.8210

■ 208.8130,
-18.0530, -63.8210

■ 255.0000, -0.0000,
-0.0000

■ 180.0410,
-18.6950, -63.1990

■ 232.7240, -0.5440,
-34.2080

■ 150.9700,
-19.9330, -62.7890

■ 244.8860, 8.3480,
-19.1400

■ 122.6600,
-21.9960, -63.9480

■ 252.3780, 7.3830,
-7.1530

■ 90.8180, -25.6170,
-69.9130

■ 68.0920, -31.9000,
-60.6680

■ 53.4170, -25.0250,
-47.5930

■ 38.7420, -18.1500,

-34.5180

■ 25.8280, -12.1000,
-23.0120

■ 5.8700, -2.7500,
-5.2300

■ 208.8130,
-18.0530, -63.8210

■ 208.8130,
-18.0530, -63.8210

■ 199.9830,
-21.9480, -75.8360

■ 217.4580,
-15.0750, -51.7070

■ 191.3380,
-24.9260, -87.9500

■ 226.2880,
-11.1800, -39.6920

■ 182.5080,
-28.8210, -99.9650

■ 234.9330, -8.2020,
-27.5780

■ 173.8630,
-31.7990, -112.0790

■ 243.7630, -4.3070,
-15.5630

■ 167.6250,
-34.3650, -120.6450

■ 252.4080, -1.3290,
-3.4490

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.



218.8200, 51.1310, -51.1170



208.8130, -18.0530, -63.8210



171.2310, -130.7940, -74.5860

Triad

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



208.8130, -18.0530, -63.8210



175.2330, -150.3300, -50.9220



194.9710, 43.6430, 29.5550

Complementary

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



208.8130, -18.0530, -63.8210



166.1870, 18.0530, 63.8210

Split Complementary

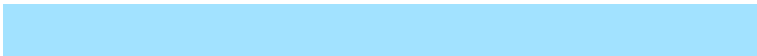
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



204.5180, 23.6500, 44.9780



208.8130, -18.0530, -63.8210



210.1700, -47.4530, -4.5490

Square

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



208.8130, -18.0530, -63.8210



178.7550, -151.9800, -54.0600



220.3670, 16.2250, 30.8570



199.0730, 59.6500, -1.7420

Rectangle

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



208.8130, -18.0530, -63.8210



177.0450, -147.1650, -58.7250



220.3670, 16.2250, 30.8570



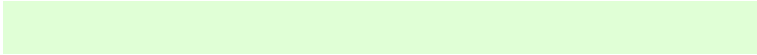
197.2340, 35.8930, 37.8530

Sweetspot

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



208.8130, -18.0530, -63.8210



241.0570, -5.3150, -19.3230



219.6520, 52.6850, -24.2030



119.4690, -3.2990, -11.8030



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

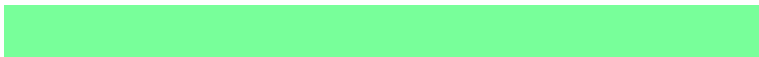
The Same Dimension uses a secret algorithm to generate beautiful new colors.



208.8130, -18.0530, -63.8210



199.0430, -22.1770, -77.1930



203.1210, -48.0390, -60.0310



123.5280, -1.7870, -6.1630



125.5720, -25.7050, -90.3530



42.0530, -8.6600, -30.2920

Inverse Universe

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



166.1870, 18.0530, 63.8210



147.6580, 21.5810, 76.9810



171.8790, 48.0390, 60.0310



119.1730, 1.1910, 5.9510



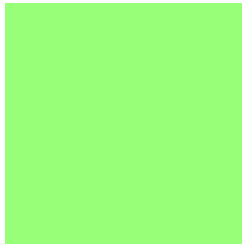
65.4280, 25.7050, 90.3530



21.9470, 8.6600, 30.2920

Previews

White Background



This preview shows how the YIQ color 208.8130, -18.0530, -63.8210 looks on a white background.

Color Contrast Check

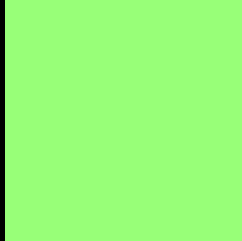
Large Text (above 18pt) WCAG AA × Fail

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 208.8130, -18.0530, -63.8210 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

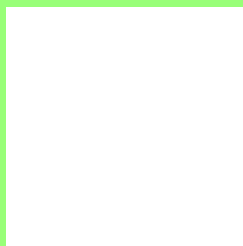
Any Text WCAG AAA ✓ Pass

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

YIQ 208.8130, -18.0530, -63.8210 Background



This preview shows how black text looks on a background with the YIQ color 208.8130, -18.0530, -63.8210.



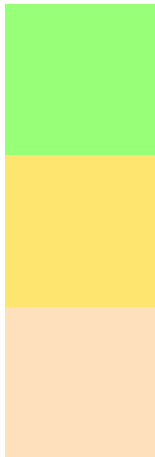
This preview shows how white text looks on a background with the YIQ color 208.8130, -18.0530, -63.8210.

-63.8210.

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

208.8130, -18.0530, -63.8210

Protanopia

223.1370, 52.4570, -31.0870

Deuteranopia

229.2790, 29.7110, -4.3130



Tritanopia

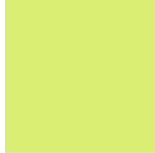
224.3900, -36.4490, -5.7370

Trichromacy



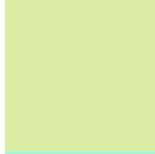
Original Color

208.8130, -18.0530, -63.8210



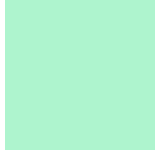
Protanomaly

217.6990, 26.9670, -42.7050



Deuteranomaly

221.8230, 12.6590, -25.6850



Tritanomaly

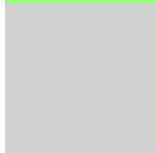
218.7380, -29.5220, -26.6580

Monochromacy



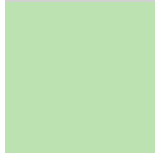
Original Color

208.8130, -18.0530, -63.8210



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.0520, -6.9190, -23.2950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.8130, -18.0530, -63.8210 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(152, 255, 120)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 120)  
}
```

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(152, 255, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 120) }
```

Border

The CSS property to change the border of an element to YIQ 208.8130, -18.0530, -63.8210 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(152, 255, 120) }
```


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

```
.border{ border-color:rgb(152, 255, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 255, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 120);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 208.8130, -18.0530, -63.8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 255, 120) }
```

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

```
.background{ background-color: rgb(152,  
255, 120) }
```

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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