

Converting Colors

YIQ(198.1780, -25.8500,
-49.1620)

Have a look what the booklet for
YIQ(198.1780, -25.8500, -49.1620)
contains.

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Color

**YIQ(198.1780, -25.8500,
-49.1620)**

Conversions

Conversions Part 1	
Format	Color
Hex	8FED8F
RGB	143, 237, 143
RGB Percent	56%, 93%, 56%
CMY	0.4395, 0.0704, 0.4392
CMYK	0.40, 0.00, 0.40, 0.07
HSL	120°, 72%, 75%
HSV	120°, 40%, 93%
XYZ	46.5681, 68.4073, 36.7331
YIQ	198.1780, -25.8500, -49.1620

Conversions

Conversions Part 2

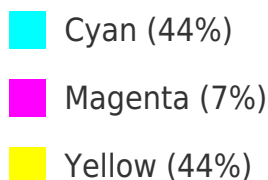
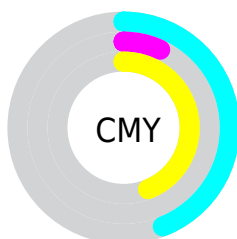
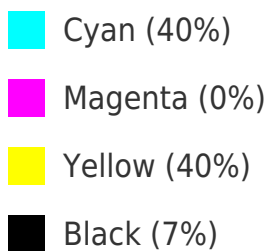
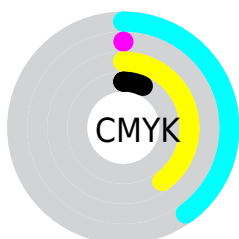
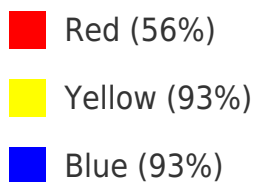
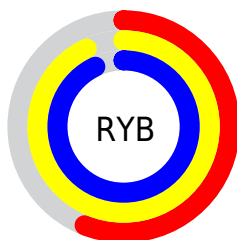
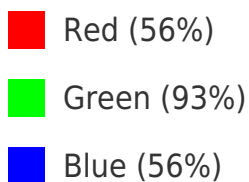
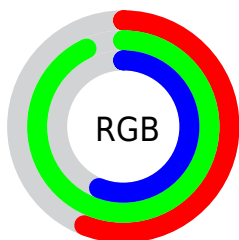
Format	Color
RYB	143, 237, 237
Decimal	9432463
CIELab	86.21, -46.39, 36.99
CIELCh	86, 59.332, 141.426
Yxy	68.4073, 0.3070, 0.4509
Android (android.graphics.Color)	4287622543 (0xFF8FED8F)
YUV	198.1780, -27.2028, -48.3911
Hunter-Lab	82.7087, -44.2379, 31.5638

Details

The YIQ color **198.1780, -25.8500, -49.1620** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **181.8220, 25.8500, 49.1620**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.0570, -14.4830, -29.3870**, and **142.0470, -26.8590, -47.3950** is the 20% darker color. If you saturate the color by 10%, you get **188.2660, -32.4500, -61.7140**, and if you desaturate by 10%, it is **208.0900, -19.2500, -36.6100**.


Distribution




Brightness & Saturation Gradients

These gradients show how the YIQ color 198.1780, -25.8500, -49.1620 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 198.1780, -25.8500, -49.1620 by changing the saturation by 10% instead.


 198.1780,
-25.8500, -49.1620

 198.1780,
-25.8500, -49.1620


255.0000, -0.0000,
-0.0000


 169.8190,
-26.2170, -48.0170


 232.0570,
-14.4830, -29.3870


 142.0470,
-26.8590, -47.3950

 243.9200, -6.1870,
-14.5310

 114.3780,
-29.2890, -47.4090


 85.9150, -35.2950,
-48.6950


 61.1110, -32.9110,
-47.8470

 44.6120, -20.9000,
-39.7480

 30.5240, -14.3000,


-27.1960


 17.6100, -8.2500,
-15.6900


 0.0000, 0.0000,
0.0000

 198.1780,
-25.8500, -49.1620


 198.1780,
-25.8500, -49.1620


 188.2660,
-32.4500, -61.7140

 208.0900,
-19.2500, -36.6100


 178.7670,
-38.7750, -73.7430

 217.5890,
-12.9250, -24.5810

 168.8550,
-45.3750, -86.2950

 227.5010, -6.3250,
-12.0290

 158.9430,
-51.9750, -98.8470

 237.4130, 0.2750,
0.5230

■ 149.1450,
-58.8960, -111.0880

■ 244.4340, 4.9500,
9.4140

■ 139.5320,
-64.9000, -123.4280

■ 139.1190,
-65.1750, -123.9510

Harmonies

Analogous

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



206.7640, 28.3420, -40.0900



198.1780, -25.8500, -49.1620



167.7900, -124.6980, -63.9140

Triad

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



198.1780, -25.8500, -49.1620



180.8680, -105.8610, -25.3250



196.9140, 47.8170, 19.9850

Complementary

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



198.1780, -25.8500, -49.1620



181.8220, 25.8500, 49.1620

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.



202.7110, 30.1160, 37.9240



198.1780, -25.8500, -49.1620



208.5850, -23.1560, 12.1720

Square

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



198.1780, -25.8500, -49.1620



169.3630, -147.5800, -45.6920



213.9100, 19.2500, 36.6100



200.2470, 59.1000, -2.7880

Rectangle

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



198.1780, -25.8500, -49.1620



170.1320, -142.8560, -54.2160



213.9100, 19.2500, 36.6100



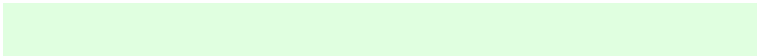
197.7920, 42.5890, 26.6290

Sweetspot

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



198.1780, -25.8500, -49.1620



242.1970, -8.5250, -16.2130



226.2840, 30.1740, -29.2340



120.5660, -4.9500, -9.4140



0.0000, 0.0000, 0.0000



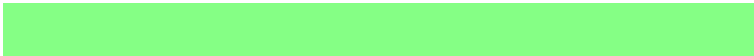
128.0000, -0.0000, -0.0000

Same Dimension

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



198.1780, -25.8500, -49.1620



204.6140, -33.5500, -63.8060



203.5360, -40.9370, -34.5450



112.4570, -3.0250, -5.7530



106.2470, -49.7750, -94.6630



31.6980, -14.8500, -28.2420

Inverse Universe

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



181.8220, 25.8500, 49.1620



183.3860, 33.5500, 63.8060



176.4640, 40.9370, 34.5450



110.5430, 3.0250, 5.7530



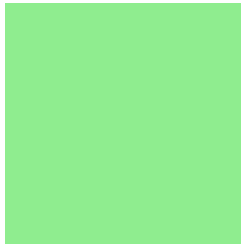
74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Previews

White Background



This preview shows how the YIQ color 198.1780, -25.8500, -49.1620 looks on a white background.

Color Contrast Check

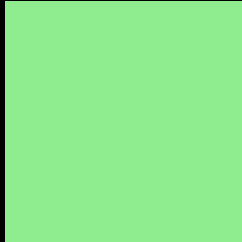
Large Text (above 18pt) WCAG AA × Fail

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 198.1780, -25.8500, -49.1620 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 198.1780, -25.8500, -49.1620 Background



This preview shows how black text looks on a background with the YIQ color 198.1780, -25.8500, -49.1620.



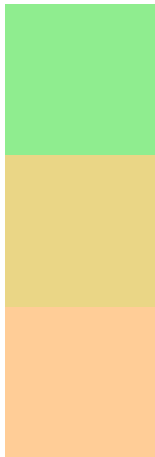
This preview shows how white text looks on a background with the YIQ color 198.1780, -25.8500, -49.1620.

-49.1620.

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

198.1780, -25.8500, -49.1620

Protanopia

210.8600, 37.6000, -20.6400

Deuteranopia

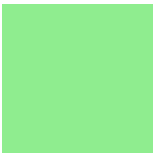
213.7940, 47.1340, -6.1940



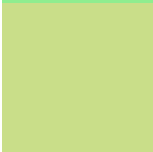
Tritanopia

208.5140, -42.7300, -7.5460

Trichromacy



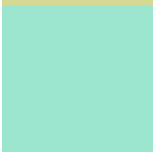
Original Color
198.1780, -25.8500, -49.1620



Protanomaly
206.0310, 14.7690, -30.8870



Deuteranomaly
208.2370, 20.3610, -22.0950

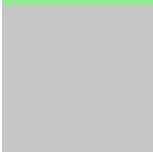


Tritanomaly
204.6650, -36.4460, -22.3180

Monochromacy



Original Color
198.1780, -25.8500, -49.1620



Achromatopsia
198.0000, -0.0000, 0.0000



Achromatomaly
197.9580, -9.3500, -17.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.1780, -25.8500, -49.1620 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(143, 237, 143)` looks like.

```
.text, #text, p{  
    color:rgb(143, 237, 143)  
}
```

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(143, 237, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 237, 143) }
```

Border

The CSS property to change the border of an element to YIQ 198.1780, -25.8500, -49.1620 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(143, 237, 143) }
```


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

```
.border{ border-color:rgb(143, 237, 143) }
```

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

Here you see how a box with a 4 pixel rgb(143, 237, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 237, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 237, 143);  
box-shadow:4px 4px 4px 4px rgb(143, 237,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 198.1780, -25.8500, -49.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 237, 143) }
```

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

```
.background{ background-color: rgb(143,  
237, 143) }
```

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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