

Converting Colors

YIQ(218.4550, -1.8250,
-49.5450)

Have a look what the booklet for
YIQ(218.4550, -1.8250, -49.5450)
contains.

YIQ(218.4550, -1.8250, -49.5450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(218.4550, -1.8250,
-49.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	BAFB88
RGB	186, 251, 136
RGB Percent	73%, 98%, 53%
CMY	0.2708, 0.0156, 0.4666
CMYK	0.26, 0.00, 0.46, 0.02
HSL	94°, 94%, 76%
HSV	94°, 46%, 98%
XYZ	59.1867, 81.2213, 35.8581
YIQ	218.4550, -1.8250, -49.5450

Conversions

Conversions Part 2

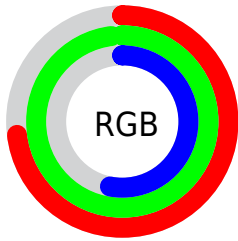
Format	Color
RYB	136, 251, 201
Decimal	12254088
CIELab	92.23, -39.54, 48.49
CIELCh	92, 62.565, 129.194
Yxy	81.2213, 0.3358, 0.4608
Android (android.graphics.Color)	4290444168 (0xFFBAFB88)
YUV	218.4550, -40.6503, -28.4630
Hunter-Lab	90.1229, -40.4880, 39.4957

Details

The YIQ color $218.4550, -1.8250, -49.5450$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $168.5450, 1.8250, 49.5450$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $244.4150, 13.9880, -22.2360$, and $162.2100, -2.5130, -48.0890$ is the 20% darker color. If you saturate the color by 10%, you get $211.4190, -2.1440, -60.2880$, and if you desaturate by 10%, it is $225.4910, -1.5060, -38.8020$.

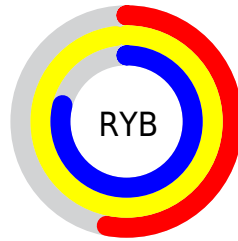
Distribution



Red (73%)

Green (98%)

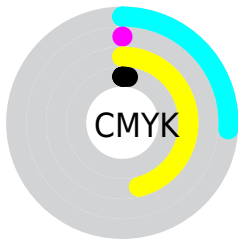
Blue (53%)



Red (53%)

Yellow (98%)

Blue (79%)

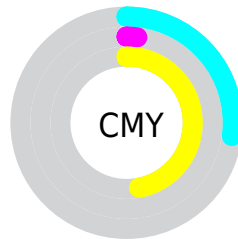


Cyan (26%)

Magenta (0%)

Yellow (46%)

Black (2%)



Cyan (27%)

Magenta (2%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.4550, -1.8250, -49.5450 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 218.4550, -1.8250, -49.5450 by changing the saturation by 10% instead.


 218.4550, -1.8250,
-49.5450


 218.4550, -1.8250,
-49.5450

255.0000, -0.0000,
-0.0000


 189.9820, -1.8710,
-48.7110

 244.4150, 13.9880,
-22.2360


 162.2100, -2.5130,
-48.0890


 250.8960, 11.5560,
-11.1960

 135.3240, -2.8340,
-47.7780

 254.3160, 1.9260,
-1.8660

 108.0250, -3.4300,
-47.9900

 81.2700, -2.7420,
-49.4460

 56.7280, -15.5350,
-43.3670

 38.1550, -17.8750,

-33.9950

■ 25.2410, -11.8250,
-22.4890

■ 8.8050, -4.1250,
-7.8450

■ 218.4550, -1.8250,
-49.5450

■ 218.4550, -1.8250,
-49.5450

■ 211.4190, -2.1440,
-60.2880

■ 225.4910, -1.5060,
-38.8020

■ 204.3830, -2.4630,
-71.0310

■ 232.5270, -1.1870,
-28.0590

■ 197.0480, -3.3780,
-81.9860

■ 239.8620, -0.2720,
-17.1040

■ 190.0120, -3.6970,
-92.7290

■ 246.8980, 0.0470,
-6.3610

■ 182.9760, -4.0160,
-103.4720

■ 252.6520, 1.1000,
2.0920

■ 179.9280, -4.0610,
-108.1650

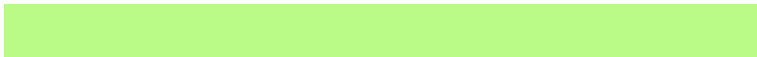
Harmonies

Analogous

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



225.5340, 49.6610, -35.4830



218.4550, -1.8250, -49.5450



200.7180, -71.4690, -53.9090

Triad

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



218.4550, -1.8250, -49.5450



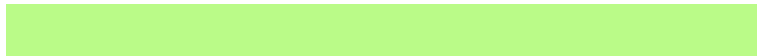
176.4070, -150.8800, -51.9680



207.7030, 32.5940, 26.0500

Complementary

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



218.4550, -1.8250, -49.5450



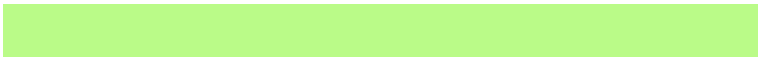
168.5450, 1.8250, 49.5450

Split Complementary

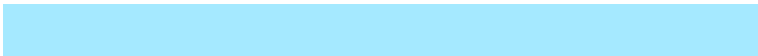
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.2580, 18.1500, 34.5180



218.4550, -1.8250, -49.5450



215.1760, -47.5900, -7.5740

Square

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



218.4550, -1.8250, -49.5450



178.7550, -151.9800, -54.0600



228.5850, 12.3750, 23.5350



207.7760, 47.5450, 2.8810

Rectangle

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



218.4550, -1.8250, -49.5450



175.7910, -143.6340, -62.1460



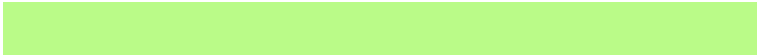
228.5850, 12.3750, 23.5350



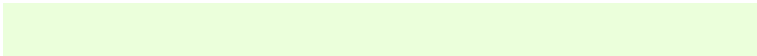
210.0970, 25.8530, 32.5810

Sweetspot

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



218.4550, -1.8250, -49.5450



244.9160, -0.3640, -15.4360



207.3660, 51.2150, -8.5690



121.6050, -0.6860, -9.5980



0.0000, 0.0000, 0.0000



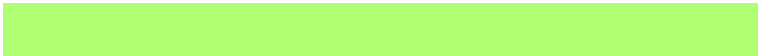
128.0000, -0.0000, -0.0000

Same Dimension

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



218.4550, -1.8250, -49.5450



215.4190, -2.1440, -60.2880



204.1890, -33.5510, -58.2790



121.4250, 0.0010, -5.5270



135.4610, -3.1030, -81.4630



43.8800, -0.6830, -26.1790

Inverse Universe

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



168.5450, 1.8250, 49.5450



154.5810, 2.1440, 60.2880



182.8110, 33.5510, 58.2790



115.8740, 0.5950, 5.7390



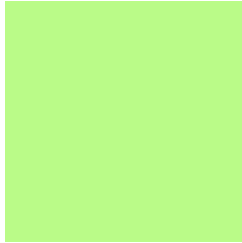
53.5390, 3.1030, 81.4630



17.4190, 1.2790, 26.3910

Previews

White Background



This preview shows how the YIQ color 218.4550, -1.8250, -49.5450 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 218.4550, -1.8250, -49.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

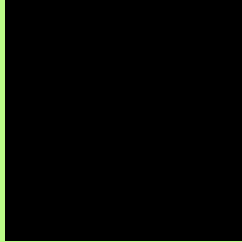
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.4550, -1.8250, -49.5450

Background



This preview shows how black text looks on a background with the YIQ color 218.4550, -1.8250, -49.5450.



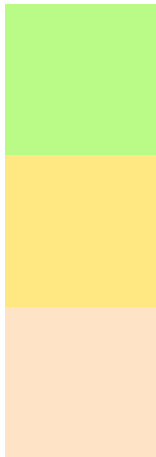
This preview shows how white text looks on a background with the YIQ color 218.4550, -1.8250,

-49.5450.

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

218.4550, -1.8250, -49.5450

Protanopia

227.1350, 46.7710, -27.1570

Deuteranopia

232.0660, 25.9970, -3.0830



Tritanopia

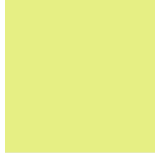
229.7830, -24.2540, -0.9740

Trichromacy



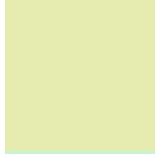
Original Color

218.4550, -1.8250, -49.5450



Protanomaly

224.1110, 28.9830, -35.1850



Deuteranomaly

227.2520, 16.0050, -20.2430



Tritanomaly

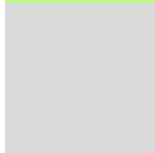
225.7230, -15.9980, -18.4460

Monochromacy



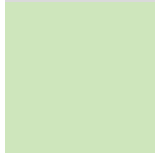
Original Color

218.4550, -1.8250, -49.5450



Achromatopsia

218.0000, -0.0000, 0.0000



Achromatomaly

218.0360, -0.8220, -18.1500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.4550, -1.8250, -49.5450 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(186, 251, 136)` looks like.

```
.text, #text, p{  
    color:rgb(186, 251, 136)  
}
```

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(186, 251, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 251, 136) }
```

Border

The CSS property to change the border of an element to YIQ 218.4550, -1.8250, -49.5450 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(186, 251, 136) }
```


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

```
.border{ border-color:rgb(186, 251, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 251, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 251, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 251, 136);  
box-shadow:4px 4px 4px 4px rgb(186, 251,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 218.4550, -1.8250, -49.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 251, 136) }
```

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

```
.background{ background-color: rgb(186,  
251, 136) }
```

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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