

Converting Colors

YIQ(199.1680, -1.5540,
-26.9140)

Have a look what the booklet for
YIQ(199.1680, -1.5540, -26.9140)
contains.

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Color

**YIQ(199.1680, -1.5540,
-26.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D99B
RGB	181, 217, 155
RGB Percent	71%, 85%, 61%
CMY	0.2903, 0.1489, 0.3921
CMYK	0.17, 0.00, 0.29, 0.15
HSL	95°, 45%, 73%
HSV	95°, 29%, 85%
XYZ	49.7826, 61.8203, 40.3237
YIQ	199.1680, -1.5540, -26.9140

Conversions

Conversions Part 2

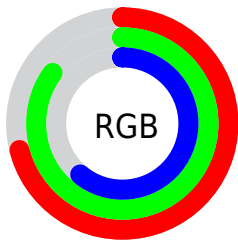
Format	Color
RYB	155, 217, 191
Decimal	11917723
CIELab	82.82, -22.90, 26.75
CIElCh	83, 35.212, 130.562
Yxy	61.8203, 0.3277, 0.4069
Android (android.graphics.Color)	4290107803 (0xFFB5D99B)
YUV	199.1680, -21.7748, -15.9333
Hunter-Lab	78.6259, -24.5765, 24.6309

Details

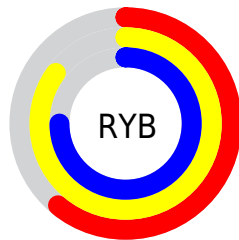
The YIQ color $199.1680, -1.5540, -26.9140$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $172.8320, 1.5540, 26.9140$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.4880, 3.7170, -17.8110$, and $144.8090, -1.9210, -25.7690$ is the 20% darker color. If you saturate the color by 10%, you get $192.7730, -2.2400, -36.5120$, and if you desaturate by 10%, it is $205.5630, -0.8680, -17.3160$.

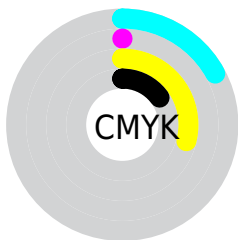
Distribution



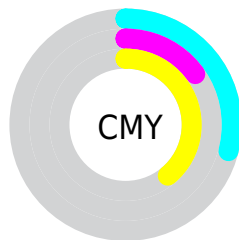
- Red (71%)
- Green (85%)
- Blue (61%)



- Red (61%)
- Yellow (85%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.1680, -1.5540, -26.9140 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 199.1680, -1.5540, -26.9140 by changing the saturation by 10% instead.

■ 199.1680, -1.5540,
-26.9140

■ 199.1680, -1.5540,
-26.9140

255.0000, -0.0000,
-0.0000

■ 171.6950, -1.6000,
-26.0800

■ 244.4880, 3.7170,
-17.8110

■ 144.8090, -1.9210,
-25.7690

■ 253.0620, 5.4570,
-5.2870

■ 119.3360, -1.9670,
-24.9350

■ 93.8630, -2.0130,
-24.1010

■ 69.9770, -2.3340,
-23.7900

■ 46.2050, -2.9760,
-23.1680

■ 25.5730, -6.8280,

-19.4360

■ 10.5660, -4.9500,
-9.4140

■ 0.0000, 0.0000,
0.0000

■ 199.1680, -1.5540,
-26.9140

■ 199.1680, -1.5540,
-26.9140

■ 192.7730, -2.2400,
-36.5120

■ 205.5630, -0.8680,
-17.3160

■ 186.7910, -2.6510,
-45.5870

■ 211.5450, -0.4570,
-8.2410

■ 180.3960, -3.3370,
-55.1850

■ 217.9400, 0.2290,
1.3570

■ 174.0010, -4.0230,
-64.7830

■ 224.0360, 0.3190,
10.7430

■ 168.0190, -4.4340,
-73.8580

■ 229.4050, 3.8940,
17.5420

■ 161.6240, -5.1200,
-83.4560

■ 232.6940, 10.4500,
19.8740

■ 155.5280, -5.2100,
-92.8420

■ 154.5880, -5.4390,
-94.1990

Harmonies

Analogous

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



203.3520, 27.4670, -18.7170



199.1680, -1.5540, -26.9140



194.2210, -35.4360, -29.6120

Triad

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



199.1680, -1.5540, -26.9140



195.0310, -63.1790, -5.8910



204.8360, 39.2890, 20.3530

Complementary

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



199.1680, -1.5540, -26.9140



172.8320, 1.5540, 26.9140

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.



210.3590, 27.8710, 29.0470



199.1680, -1.5540, -26.9140



203.2250, -30.9500, 10.2500

Square

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



199.1680, -1.5540, -26.9140



188.4860, -81.0580, -17.7780



210.5220, -0.5090, 25.7550



204.8240, 47.5900, 7.5740

Rectangle

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



199.1680, -1.5540, -26.9140



190.2540, -57.3980, -28.0700



210.5220, -0.5090, 25.7550



206.0900, 35.7580, 23.7740

Sweetspot

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



199.1680, -1.5540, -26.9140



248.4910, -0.3650, -9.9090



194.0830, 27.3270, -5.1610



123.5990, -0.5490, -6.5730



0.0000, 0.0000, 0.0000



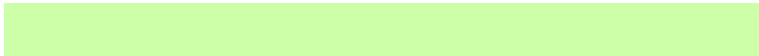
128.0000, -0.0000, -0.0000

Same Dimension

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



199.1680, -1.5540, -26.9140



230.1320, -1.8730, -37.6570



191.8500, -18.3340, -31.1820



106.6530, -0.6410, -4.9050



123.3780, -4.0670, -75.0030



32.6830, -1.3260, -20.0300

Inverse Universe

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



172.8320, 1.5540, 26.9140



193.1670, 2.4690, 37.8690



180.1500, 18.3340, 31.1820



102.0480, 0.0450, 4.6930



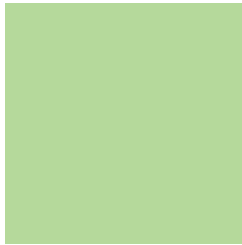
49.9210, 4.6630, 75.2150



13.3170, 1.3260, 20.0300

Previews

White Background



This preview shows how the YIQ color 199.1680, -1.5540, -26.9140 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 199.1680, -1.5540, -26.9140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

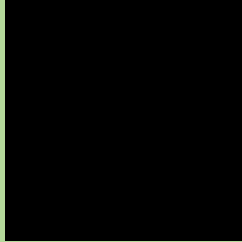
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.1680, -1.5540, -26.9140

Background



This preview shows how black text looks on a background with the YIQ color 199.1680, -1.5540, -26.9140.



This preview shows how white text looks on a background with the YIQ color 199.1680, -1.5540,

-26.9140.

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

199.1680, -1.5540, -26.9140

Protanopia

203.5140, 27.1910, -13.7130

Deuteranopia

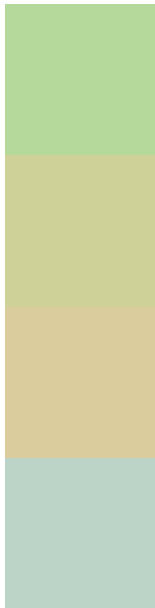
205.8240, 38.4220, -2.4900



Tritanopia

205.1540, -14.9930, 1.8950

Trichromacy



Original Color

199.1680, -1.5540, -26.9140

Protanomaly

201.6050, 16.5090, -18.3630

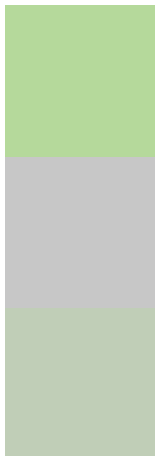
Deuteranomaly

203.2410, 23.7060, -11.1260

Tritanomaly

202.8690, -10.1770, -8.2970

Monochromacy



Original Color

199.1680, -1.5540, -26.9140

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1920, -0.9610, -10.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.1680, -1.5540, -26.9140 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(181, 217, 155)` looks like.

```
.text, #text, p{  
    color:rgb(181, 217, 155)  
}
```

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(181, 217, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 217, 155) }
```

Border

The CSS property to change the border of an element to YIQ 199.1680, -1.5540, -26.9140 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(181, 217, 155) }
```


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

```
.border{ border-color:rgb(181, 217, 155) }
```

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

Here you see how a box with a 4 pixel rgb(181, 217, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 217, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 217, 155);  
box-shadow:4px 4px 4px 4px rgb(181, 217,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 199.1680, -1.5540, -26.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 217, 155) }
```

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

```
.background{ background-color: rgb(181,  
217, 155) }
```

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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