

Converting Colors

YIQ(199.1180, 19.0780,
-26.3780)

Have a look what the booklet for
YIQ(199.1180, 19.0780, -26.3780)
contains.

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Color

**YIQ(199.1180, 19.0780,
-26.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D385
RGB	201, 211, 133
RGB Percent	79%, 83%, 52%
CMY	0.2118, 0.1725, 0.4783
CMYK	0.05, 0.00, 0.37, 0.17
HSL	68°, 47%, 67%
HSV	68°, 37%, 83%
XYZ	51.6137, 60.6999, 31.1988
YIQ	199.1180, 19.0780, -26.3780

Conversions

Conversions Part 2

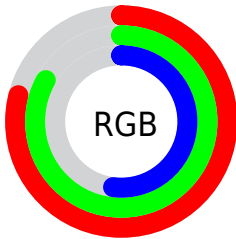
Format	Color
R_{YB}	133, 211, 143
Decimal	13226885
CIE _{Lab}	82.22, -15.43, 37.49
CIE _{LCh}	82, 40.537, 112.367
Yxy	60.6999, 0.3596, 0.4230
Android (android.graphics.Color)	4291416965 (0xFFC9D385)
YUV	199.1180, -32.5962, 1.6505
Hunter-Lab	77.9101, -18.0904, 30.7947

Details

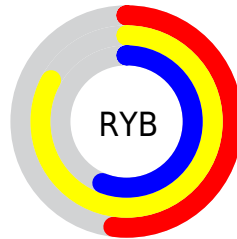
The YIQ color $199.1180, 19.0780, -26.3780$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $144.8820, -19.0780, 26.3780$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.2480, 21.8280, -21.1480$, and $145.1610, 17.5190, -25.6570$ is the 20% darker color. If you saturate the color by 10%, you get $195.8270, 24.0310, -33.5450$, and if you desaturate by 10%, it is $202.4090, 14.1250, -19.2110$.

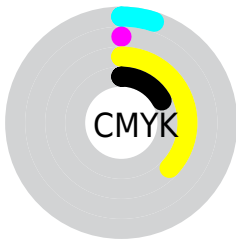
Distribution



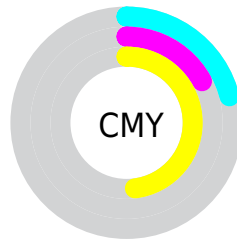
- Red (79%)
- Green (83%)
- Blue (52%)



- Red (52%)
- Yellow (83%)
- Blue (56%)



- Cyan (5%)
- Magenta (0%)
- Yellow (37%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.1180, 19.0780, -26.3780 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 199.1180, 19.0780, -26.3780 by changing the saturation by 10% instead.

■ 199.1180, 19.0780,
-26.3780

■ 199.1180, 19.0780,
-26.3780

255.0000, -0.0000,
-0.0000

■ 171.3460, 18.4360,
-25.7560

■ 247.2480, 21.8280,
-21.1480

■ 145.1610, 17.5190,
-25.6570

■ 250.4400, 12.8400,
-12.4400

■ 118.5030, 16.5560,
-24.7240

■ 253.7460, 3.5310,
-3.4210

■ 93.2040, 15.9600,
-24.9360

■ 68.9760, 16.6020,
-25.5580

■ 47.5010, 10.8700,
-20.7940

■ 27.9980, 2.3410,

-14.8990

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 199.1180, 19.0780,
-26.3780

■ 199.1180, 19.0780,
-26.3780

■ 195.8270, 24.0310,
-33.5450

■ 202.4090, 14.1250,
-19.2110

■ 192.8350, 29.5800,
-40.5000

■ 205.4010, 8.5760,
-12.2560

■ 189.5440, 34.5330,
-47.6670

■ 208.6920, 3.6230,
-5.0890

■ 186.2530, 39.4860,
-54.8340

■ 211.9830, -1.3300,
2.0780

■ 182.9620, 44.4390,
-62.0010

■ 215.3880, -6.6040,
9.5560

■ 179.8560, 50.3090,
-69.2670

■ 217.8100,
-10.5480, 14.9560

■ 178.8730, 51.6390,
-71.3450

■ 218.7070, -8.7600,
15.5920

■ 219.6040, -6.9720,
16.2280

■ 220.2020, -5.7800,
16.6520

Harmonies

Analogous

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



202.9800, 46.3100, -13.2900



199.1180, 19.0780, -26.3780



193.9810, -17.3250, -32.9490

Triad

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



199.1180, 19.0780, -26.3780



180.9340, -97.0590, -19.6430



204.1810, 34.2440, 29.1880

Complementary

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



199.1180, 19.0780, -26.3780



144.8820, -19.0780, 26.3780

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.



209.8660, 13.3820, 32.8220



199.1180, 19.0780, -26.3780



193.2920, -59.4200, -2.4280

Square

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



199.1180, 19.0780, -26.3780



178.2570, -97.0110, -31.5310



203.6010, -20.0850, 17.0910



200.3220, 46.4880, 16.5360

Rectangle

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



199.1180, 19.0780, -26.3780



189.0950, -44.0090, -33.9370



203.6010, -20.0850, 17.0910



206.8370, 29.5210, 32.1850

Sweetspot

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



199.1180, 19.0780, -26.3780



250.6120, 6.6040, -9.5560



161.6050, 44.0130, 11.8290



125.1650, 3.6690, -5.9230



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.



199.1180, 19.0780, -26.3780



238.0460, 27.6080, -37.8000



187.7560, -3.5700, -34.4340



103.1480, 2.3390, -3.8450



142.5690, 41.4120, -56.7000



34.8310, 10.1810, -13.8110

Inverse Universe

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



144.8820, -19.0780, 26.3780



159.9540, -27.6080, 37.8000



156.2440, 3.5700, 34.4340



95.5530, -2.9350, 3.6330



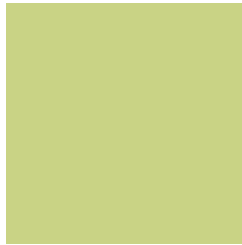
25.7300, -40.8160, 56.9120



6.1690, -10.1810, 13.8110

Previews

White Background



This preview shows how the YIQ color 199.1180, 19.0780, -26.3780 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 199.1180, 19.0780, -26.3780 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 199.1180, 19.0780, -26.3780

Background



This preview shows how black text looks on a background with the YIQ color 199.1180, 19.0780, -26.3780.



This preview shows how white text looks on a background with the YIQ color 199.1180, 19.0780,

-26.3780.

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

199.1180, 19.0780, -26.3780

Protanopia

200.9460, 34.4820, -19.1980

Deuteranopia

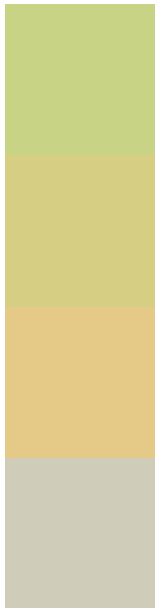
203.2240, 48.7390, -7.7490



Tritanopia

205.8140, 0.8240, 7.0960

Trichromacy



Original Color

199.1180, 19.0780, -26.3780

Protanomaly

200.4290, 28.5680, -22.1520

Deuteranomaly

201.8480, 37.8740, -14.5900

Tritanomaly

203.4320, 7.2910, -5.4850

Monochromacy



Original Color

199.1180, 19.0780, -26.3780

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.9110, 7.2000, -9.3440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.1180, 19.0780, -26.3780 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(201, 211, 133)` looks like.

```
.text, #text, p{  
    color:rgb(201, 211, 133)  
}
```

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(201, 211, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 211, 133) }
```

Border

The CSS property to change the border of an element to YIQ 199.1180, 19.0780, -26.3780 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(201, 211, 133) }
```


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

```
.border{ border-color:rgb(201, 211, 133) }
```

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

Here you see how a box with a 4 pixel rgb(201, 211, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 211, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 211, 133);  
box-shadow:4px 4px 4px 4px rgb(201, 211,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 199.1180, 19.0780, -26.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 211, 133) }
```

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

```
.background{ background-color: rgb(201,  
211, 133) }
```

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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