

Converting Colors

YIQ(198.8510, -20.0750,
-38.1790)

Have a look what the booklet for
YIQ(198.8510, -20.0750, -38.1790)
contains.

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Color

**YIQ(198.8510, -20.0750,
-38.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE59C
RGB	156, 229, 156
RGB Percent	61%, 90%, 61%
CMY	0.3885, 0.1018, 0.3882
CMYK	0.32, 0.00, 0.32, 0.10
HSL	120°, 58%, 75%
HSV	120°, 32%, 90%
XYZ	47.7275, 65.5179, 41.5806
YIQ	198.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

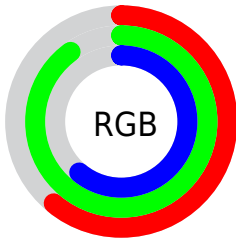
Format	Color
RYB	156, 229, 229
Decimal	10282396
CIELab	84.75, -36.85, 28.60
CIELCh	85, 46.649, 142.179
Yxy	65.5179, 0.3083, 0.4232
Android (android.graphics.Color)	4288472476 (0xFF9CE59C)
YUV	198.8510, -21.1255, -37.5803
Hunter-Lab	80.9432, -36.3994, 26.2029

Details

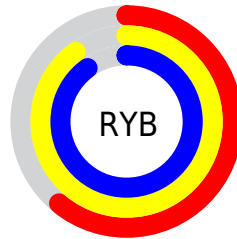
The YIQ color **198.8510, -20.0750, -38.1790** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **186.1490, 20.0750, 38.1790**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.1270, -11.5040, -22.8000**, and **143.9050, -20.1670, -36.5110** is the 20% darker color. If you saturate the color by 10%, you get **189.3520, -26.4000, -50.2080**, and if you desaturate by 10%, it is **208.3500, -13.7500, -26.1500**.

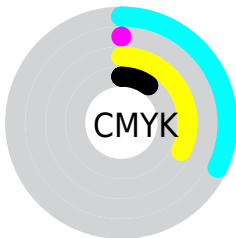
Distribution



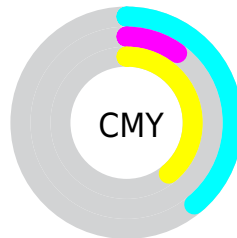
- Red (61%)
- Green (90%)
- Blue (61%)



- Red (61%)
- Yellow (90%)
- Blue (90%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (10%)



- Cyan (39%)
- Magenta (10%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.8510, -20.0750, -38.1790 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 198.8510, -20.0750, -38.1790 by changing the saturation by 10% instead.

■ 198.8510,
-20.0750, -38.1790

■ 198.8510,
-20.0750, -38.1790

■ 255.0000, -0.0000,
-0.0000

■ 171.3780,
-20.1210, -37.3450

■ 237.1270,
-11.5040, -22.8000

■ 143.9050,
-20.1670, -36.5110

■ 248.9900, -3.2080,
-7.9440

■ 117.1330,
-20.8090, -35.8890

■ 91.1760, -22.3680,
-35.1680

■ 64.6100, -26.5860,
-35.8180

■ 42.1160, -22.1390,
-33.8110

■ 27.5890, -12.9250,

-24.5810

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,
0.0000

■ 198.8510,
-20.0750, -38.1790

■ 198.8510,
-20.0750, -38.1790

■ 189.3520,
-26.4000, -50.2080

■ 208.3500,
-13.7500, -26.1500

■ 179.8530,
-32.7250, -62.2370

■ 217.8490, -7.4250,
-14.1210

■ 170.3540,
-39.0500, -74.2660

■ 227.3480, -1.1000,
-2.0920

■ 160.8550,
-45.3750, -86.2950

■ 236.8470, 5.2250,
9.9370

■ 151.4700,
-52.0210, -98.0130

■ 239.7380, 7.1500,
13.5980

■ 142.2700,
-57.7500, -109.8300

■ 134.4230,
-62.9750, -119.7670

Harmonies

Analogous

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



205.0380, 22.0590, -30.8450



198.8510, -20.0750, -38.1790



188.3350, -71.2880, -40.6640

Triad

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



198.8510, -20.0750, -38.1790



194.6990, -68.1760, -8.9440



201.9520, 44.6540, 16.7340

Complementary

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



198.8510, -20.0750, -38.1790



186.1490, 20.0750, 38.1790

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.



206.3810, 30.8050, 30.9410



198.8510, -20.0750, -38.1790



208.3190, -19.3510, 14.8010

Square

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



198.8510, -20.0750, -38.1790



168.2660, -136.7610, -38.0170



215.6710, 18.4250, 35.0410



204.1910, 53.5060, -0.5260

Rectangle

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



198.8510, -20.0750, -38.1790



175.7120, -114.8900, -43.4180



215.6710, 18.4250, 35.0410



202.3740, 40.7100, 22.1340

Sweetspot

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



198.8510, -20.0750, -38.1790



244.6750, -6.8750, -13.0750



220.6780, 23.4330, -22.7030



121.3920, -4.4000, -8.3680



0.0000, 0.0000, 0.0000



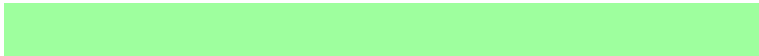
128.0000, -0.0000, -0.0000

Same Dimension

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



198.8510, -20.0750, -38.1790



214.9390, -26.6750, -50.7310



202.9550, -31.6310, -26.9830



110.0440, -3.3000, -6.2760



105.0730, -49.2250, -93.6170



29.9370, -14.0250, -26.6730

Inverse Universe

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



186.1490, 20.0750, 38.1790



198.0610, 26.6750, 50.7310



181.9310, 31.9520, 26.6720



107.9560, 3.3000, 6.2760



73.8130, 49.5460, 93.3060



21.0630, 14.0250, 26.6730

Previews

White Background



This preview shows how the YIQ color 198.8510, -20.0750, -38.1790 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 198.8510, -20.0750, -38.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

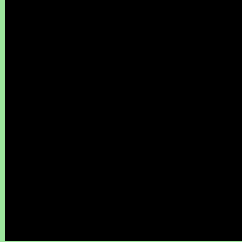
Any Text WCAG AA ✓ Pass

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 198.8510, -20.0750, -38.1790 Background



This preview shows how black text looks on a background with the YIQ color 198.8510, -20.0750, -38.1790.



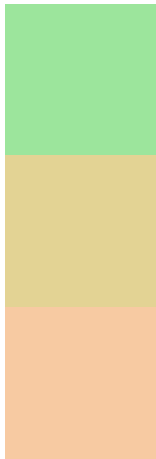
This preview shows how white text looks on a background with the YIQ color 198.8510, -20.0750, -38.1790.

-38.1790.

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

198.8510, -20.0750, -38.1790

Protanopia

208.6020, 29.7590, -16.2010

Deuteranopia

210.8950, 39.6600, -2.9000



Tritanopia

206.5860, -34.0650, -4.8890

Trichromacy



Original Color

198.8510, -20.0750, -38.1790

Protanomaly

205.2790, 11.3750, -24.4410

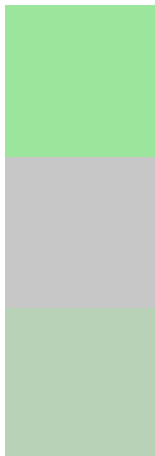
Deuteranomaly

206.6700, 17.8840, -15.7480

Tritanomaly

204.1330, -28.8360, -17.0600

Monochromacy



Original Color

198.8510, -20.0750, -38.1790

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.8490, -7.4250, -14.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.8510, -20.0750, -38.1790 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(156, 229, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 229, 156)  
}
```

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(156, 229, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 229, 156) }
```

Border

The CSS property to change the border of an element to YIQ 198.8510, -20.0750, -38.1790 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(156, 229, 156) }
```


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

```
.border{ border-color:rgb(156, 229, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 229, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 229, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 229, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 229,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 198.8510, -20.0750, -38.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 229, 156) }
```

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

```
.background{ background-color: rgb(156,  
229, 156) }
```

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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