

Converting Colors

YIQ(198.7560, -11.5970,
-15.6050)

Have a look what the booklet for
YIQ(198.7560, -11.5970, -15.6050)
contains.

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Color

**YIQ(198.7560, -11.5970,
-15.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D4B9
RGB	178, 212, 185
RGB Percent	70%, 83%, 73%
CMY	0.3021, 0.1686, 0.2745
CMYK	0.16, 0.00, 0.13, 0.17
HSL	132°, 28%, 76%
HSV	132°, 16%, 83%
XYZ	50.6577, 60.0586, 54.8179
YIQ	198.7560, -11.5970, -15.6050

Conversions

Conversions Part 2

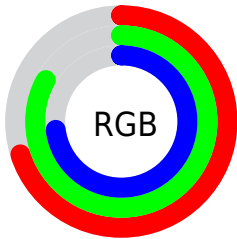
Format	Color
RYB	178, 206, 212
Decimal	11719865
CIELab	81.87, -16.46, 9.64
CIElCh	82, 19.077, 149.660
Yxy	60.0586, 0.3060, 0.3628
Android (android.graphics.Color)	4289909945 (0xFFB2D4B9)
YUV	198.7560, -6.7817, -18.2030
Hunter-Lab	77.4975, -18.9407, 12.3094

Details

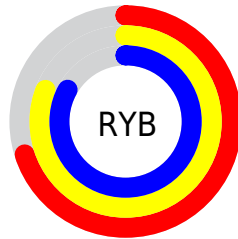
The YIQ color **198.7560, -11.5970, -15.6050** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **191.2440, 11.5970, 15.6050**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.1250, -8.0220, -8.8060**, and **144.5820, -11.0470, -14.5590** is the 20% darker color. If you saturate the color by 10%, you get **190.5390, -18.6560, -25.3440**, and if you desaturate by 10%, it is **206.9730, -4.5380, -5.8660**.

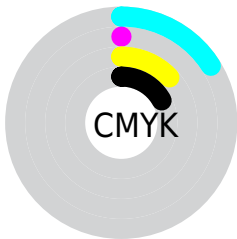
Distribution



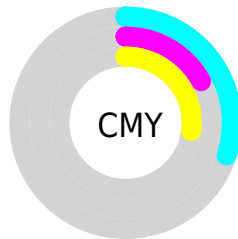
- Red (70%)
- Green (83%)
- Blue (73%)



- Red (70%)
- Yellow (81%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)



- Cyan (30%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.7560, -11.5970, -15.6050 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 198.7560, -11.5970, -15.6050 by changing the saturation by 10% instead.

■ 198.7560,
-11.5970, -15.6050

■ 198.7560,
-11.5970, -15.6050

255.0000, -0.0000,
-0.0000

■ 171.1690,
-11.3220, -15.0820

■ 247.1250, -8.0220,
-8.8060

■ 144.5820,
-11.0470, -14.5590

■ 118.9950,
-10.7720, -14.0360

■ 93.9950, -10.7720,
-14.0360

■ 70.4080, -10.4970,
-13.5130

■ 47.3480, -10.2680,
-12.1560

■ 26.0490, -10.8640,

-12.3680

■ 7.6310, -3.5750,
-6.7990

■ 0.0000, 0.0000,
0.0000

■ 198.7560,
-11.5970, -15.6050

■ 198.7560,
-11.5970, -15.6050

■ 190.5390,
-18.6560, -25.3440

■ 206.9730, -4.5380,
-5.8660

■ 182.3220,
-25.7150, -35.0830

■ 215.1900, 2.5210,
3.8730

■ 173.9200,
-33.6910, -44.7230

■ 223.5920, 10.4970,
13.5130

■ 165.7030,
-40.7500, -54.4620

■ 229.4170, 12.7880,
21.5560

■ 157.4860,
-47.8090, -64.2010

■ 229.7590, 11.8250,
22.4890

■ 149.2690,
-54.8680, -73.9400

■ 141.0520,
-61.9270, -83.6790

■ 132.5360,
-69.5820, -93.6300

■ 129.4600,
-72.4240, -97.1920

Harmonies

Analogous

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



200.9060, 5.5960, -13.3160



198.7560, -11.5970, -15.6050



197.1980, -27.4610, -14.4450

Triad

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



198.7560, -11.5970, -15.6050



202.2980, -24.0260, 5.9100



206.0810, 30.8090, 8.8330

Complementary

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



198.7560, -11.5970, -15.6050



191.2440, 11.5970, 15.6050

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.



206.8340, 24.4350, 14.2190



198.7560, -11.5970, -15.6050



205.4960, -6.7880, 12.8920

Square

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



198.7560, -11.5970, -15.6050



198.9820, -35.1200, -2.2880



207.0590, 10.6800, 15.7040



204.4410, 29.4350, 0.6910

Rectangle

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



198.7560, -11.5970, -15.6050



197.0710, -34.2930, -11.7730



207.0590, 10.6800, 15.7040



206.0640, 29.4790, 10.9110

Sweetspot

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



198.7560, -11.5970, -15.6050



249.9730, -4.5380, -5.8660



206.0310, 6.7420, -12.0580



124.8100, -2.5210, -3.8730



0.0000, 0.0000, 0.0000



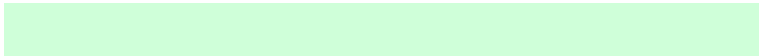
128.0000, -0.0000, -0.0000

Same Dimension

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



198.7560, -11.5970, -15.6050



236.3160, -16.4100, -21.9940



200.6940, -17.0540, -10.3180



102.7990, -3.9880, -4.8200



104.3670, -58.2600, -78.5480



26.2670, -14.7140, -19.6900

Inverse Universe

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



191.2440, 11.5970, 15.6050



225.6840, 16.4100, 21.9940



189.3060, 17.0540, 10.3180



100.3150, 3.6670, 5.1310



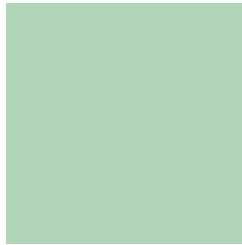
66.6330, 58.2600, 78.5480



16.7330, 14.7140, 19.6900

Previews

White Background



This preview shows how the YIQ color 198.7560, -11.5970, -15.6050 looks on a white background.

Color Contrast Check

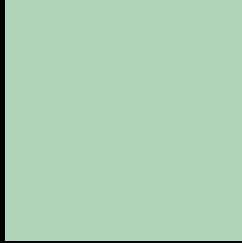
Large Text (above 18pt) WCAG AA × Fail

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 198.7560, -11.5970, -15.6050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

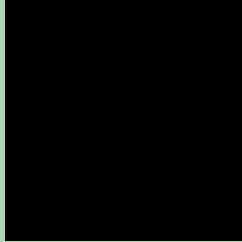
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

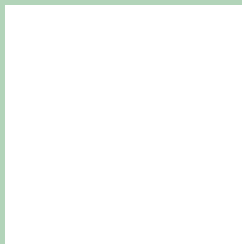
Any Text WCAG AAA ✓ Pass

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

YIQ 198.7560, -11.5970, -15.6050 Background



This preview shows how black text looks on a background with the YIQ color 198.7560, -11.5970, -15.6050.



This preview shows how white text looks on a background with the YIQ color 198.7560, -11.5970, -15.6050.

-15.6050.

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

198.7560, -11.5970, -15.6050

Protanopia

202.4820, 13.0220, -4.7220

Deuteranopia

204.6560, 21.6400, 4.2960



Tritanopia

201.9470, -18.8440, 0.1000

Trichromacy



Original Color

198.7560, -11.5970, -15.6050

Protanomaly

201.4700, 4.1280, -8.7360

Deuteranomaly

202.6820, 9.5830, -2.9690

Tritanomaly

200.9270, -16.0920, -5.7240

Monochromacy



Original Color

198.7560, -11.5970, -15.6050

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.9730, -4.5380, -5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.7560, -11.5970, -15.6050 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(178, 212, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 212, 185)  
}
```

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(178, 212, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 212, 185) }
```

Border

The CSS property to change the border of an element to YIQ 198.7560, -11.5970, -15.6050 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(178, 212, 185) }
```


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

```
.border{ border-color:rgb(178, 212, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 212, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 212, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 212, 185);  
box-shadow:4px 4px 4px 4px rgb(178, 212,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 198.7560, -11.5970, -15.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 212, 185) }
```

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

```
.background{ background-color: rgb(178,  
212, 185) }
```

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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