

Converting Colors

YIQ(158.9980, -15.9950,
-35.0270)

Have a look what the booklet for
YIQ(158.9980, -15.9950, -35.0270)
contains.

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Color

**YIQ(158.9980, -15.9950,
-35.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	7ABA75
RGB	122, 186, 117
RGB Percent	48%, 73%, 46%
CMY	0.5218, 0.2705, 0.5412
CMYK	0.34, 0.00, 0.37, 0.27
HSL	116°, 33%, 59%
HSV	116°, 37%, 73%
XYZ	28.7943, 40.5473, 23.1376
YIQ	158.9980, -15.9950, -35.0270

Conversions

Conversions Part 2

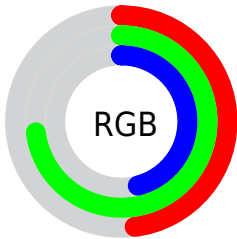
Format	Color
RYB	117, 186, 181
Decimal	8043125
CIELab	69.86, -34.27, 28.68
CIElCh	70, 44.686, 140.070
Yxy	40.5473, 0.3114, 0.4384
Android (android.graphics.Color)	4286233205 (0xFF7ABA75)
YUV	158.9980, -20.7050, -32.4472
Hunter-Lab	63.6768, -30.7177, 23.0301

Details

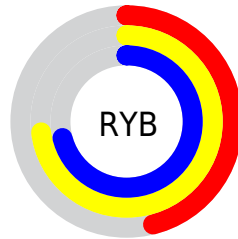
The YIQ color **158.9980, -15.9950, -35.0270** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **144.0020, 15.9950, 35.0270**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9440, -15.9030, -36.6950**, and **106.1660, -16.4080, -33.0480** is the 20% darker color. If you saturate the color by 10%, you get **151.7490, -20.0280, -44.5400**, and if you desaturate by 10%, it is **166.2470, -11.9620, -25.5140**.

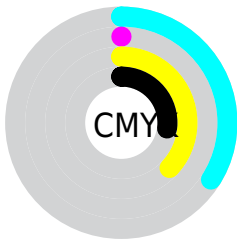
Distribution



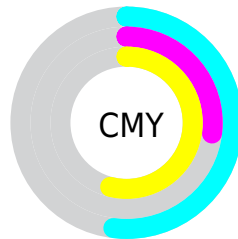
- Red (48%)
- Green (73%)
- Blue (46%)



- Red (46%)
- Yellow (73%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (37%)
- Black (27%)



- Cyan (52%)
- Magenta (27%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.9980, -15.9950, -35.0270 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 158.9980, -15.9950, -35.0270 by changing the saturation by 10% instead.

■ 158.9980,
-15.9950, -35.0270

■ 158.9980,
-15.9950, -35.0270

■ 255.0000, -0.0000,
-0.0000

■ 132.5250,
-16.0410, -34.1930

■ 214.6450,
-16.4990, -36.9070

■ 106.1660,
-16.4080, -33.0480

■ 233.4380,
-11.1820, -28.6380

■ 80.6820, -17.9210,
-33.1610

■ 245.0020, -3.4820,
-13.9940

■ 54.1160, -22.1390,
-33.8110

■ 254.8860, 0.3210,
-0.3110

■ 34.0460, -15.9500,
-30.3340

■ 21.7190, -10.1750,
-19.3510

■ 0.0000, 0.0000,

0.0000

■ 158.9980,
-15.9950, -35.0270

■ 158.9980,
-15.9950, -35.0270

■ 151.7490,
-20.0280, -44.5400

■ 166.2470,
-11.9620, -25.5140

■ 144.3150,
-24.9780, -53.9540

■ 173.3820, -7.6080,
-16.3120

■ 137.0660,
-29.0110, -63.4670

■ 180.9300, -2.9790,
-6.5870

■ 129.9310,
-33.3650, -72.6690

■ 188.0650, 1.3750,
2.6150

■ 122.6820,
-37.3980, -82.1820

■ 195.3140, 5.4080,
12.1280

■ 115.1340,
-42.0270, -91.9070

■ 202.8620, 10.0370,
21.8530

■ 113.0690,
-43.4020, -94.5220

■ 209.9970, 14.3910,
31.0550

■ 214.4970, 18.9750,
36.0870

Harmonies

Analogous

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



164.9180, 22.5170, -28.1310



158.9980, -15.9950, -35.0270



147.4280, -67.1160, -39.1800

Triad

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



158.9980, -15.9950, -35.0270



155.6990, -85.3710, -0.1790



172.2750, 63.0380, 24.9740

Complementary

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



158.9980, -15.9950, -35.0270



144.0020, 15.9950, 35.0270

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.



174.5570, 45.1090, 36.0290



158.9980, -15.9950, -35.0270



171.0590, -32.8780, 23.1700

Square

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



158.9980, -15.9950, -35.0270



136.8040, -126.1720, -26.1720



175.6640, 11.1350, 34.9990



170.5670, 64.3710, 6.3150

Rectangle

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



158.9980, -15.9950, -35.0270



133.6800, -111.8640, -43.1920



175.6640, 11.1350, 34.9990



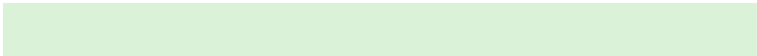
173.1700, 59.1400, 29.5400

Sweetspot

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



158.9980, -15.9950, -35.0270



231.8600, -5.9580, -13.1740



174.6120, 23.7990, -18.3210



115.9900, -3.2080, -7.9440



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



158.9980, -15.9950, -35.0270



199.3750, -25.2070, -55.3110



160.8090, -28.2840, -27.0680



88.2830, -2.4750, -4.7070



94.8610, -36.3440, -79.2560



17.0340, -6.5080, -14.2200

Inverse Universe

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



144.0020, 15.9950, 35.0270



175.6250, 25.2070, 55.3110



142.1910, 28.2840, 27.0680



86.4180, 1.8790, 4.4950



60.8400, 35.7480, 79.0440



10.9660, 6.5080, 14.2200

Previews

White Background



This preview shows how the YIQ color 158.9980, -15.9950, -35.0270 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 158.9980, -15.9950, -35.0270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

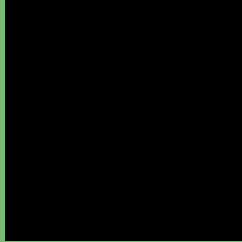
Any Text WCAG AA ✓ Pass

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 158.9980, -15.9950, -35.0270 Background



This preview shows how black text looks on a background with the YIQ color 158.9980, -15.9950, -35.0270.



This preview shows how white text looks on a background with the YIQ color 158.9980, -15.9950, -35.0270.

-35.0270.

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

158.9980, -15.9950, -35.0270

Protanopia

167.6450, 28.2000, -15.4800

Deuteranopia

169.9870, 36.4050, -4.4830



Tritanopia

166.3370, -28.9300, -4.3380

Trichromacy



Original Color

158.9980, -15.9950, -35.0270

Protanomaly

164.6320, 11.8790, -22.5610

Deuteranomaly

165.7840, 17.5630, -15.4370

Tritanomaly

163.5250, -24.0680, -15.3640

Monochromacy



Original Color

158.9980, -15.9950, -35.0270

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.2730, -5.6830, -12.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.9980, -15.9950, -35.0270 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(122, 186, 117)` looks like.

```
.text, #text, p{  
    color:rgb(122, 186, 117)  
}
```

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(122, 186, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 186, 117) }
```

Border

The CSS property to change the border of an element to YIQ 158.9980, -15.9950, -35.0270 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(122, 186, 117) }
```


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

```
.border{ border-color:rgb(122, 186, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 186, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 186, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 186, 117);  
box-shadow:4px 4px 4px 4px rgb(122, 186,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 158.9980, -15.9950, -35.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 186, 117) }
```

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

```
.background{ background-color: rgb(122,  
186, 117) }
```

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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