

Converting Colors

YIQ(157.6150, -6.6460,
-11.7180)

Have a look what the booklet for
YIQ(157.6150, -6.6460, -11.7180)
contains.

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Color

**YIQ(157.6150, -6.6460,
-11.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	90A791
RGB	144, 167, 145
RGB Percent	56%, 65%, 57%
CMY	0.4354, 0.3450, 0.4314
CMYK	0.14, 0.00, 0.13, 0.35
HSL	123°, 12%, 61%
HSV	123°, 14%, 65%
XYZ	30.4297, 35.6129, 32.0573
YIQ	157.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

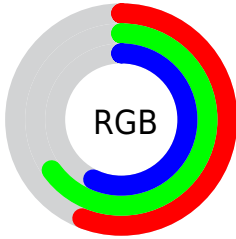
Format	Color
RYB	144, 166, 167
Decimal	9480081
CIELab	66.22, -12.36, 8.71
CIELCh	66, 15.122, 144.819
Yxy	35.6129, 0.3102, 0.3630
Android (android.graphics.Color)	4287670161 (0xFF90A791)
YUV	157.6150, -6.2192, -11.9404
Hunter-Lab	59.6766, -13.4151, 9.9240

Details

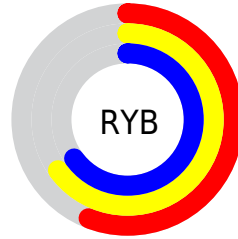
The YIQ color **157.6150, -6.6460, -11.7180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **153.3850, 6.6460, 11.7180**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2020, -6.9210, -12.2410**, and **106.1420, -6.6920, -10.8840** is the 20% darker color. If you saturate the color by 10%, you get **150.7080, -11.6420, -20.2980**, and if you desaturate by 10%, it is **164.5220, -1.6500, -3.1380**.

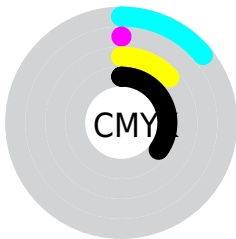
Distribution



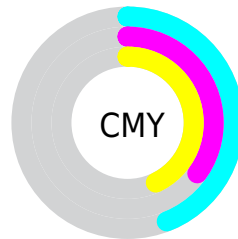
- Red (56%)
- Green (65%)
- Blue (57%)



- Red (56%)
- Yellow (65%)
- Blue (65%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (44%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.6150, -6.6460, -11.7180 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 157.6150, -6.6460, -11.7180 by changing the saturation by 10% instead.

■ 157.6150, -6.6460,
-11.7180

■ 157.6150, -6.6460,
-11.7180

■ 255.0000, -0.0000,
-0.0000

■ 131.6150, -6.6460,
-11.7180

■ 212.2020, -6.9210,
-12.2410

■ 106.1420, -6.6920,
-10.8840

■ 240.7890, -7.1960,
-12.7640

■ 81.8540, -5.8210,
-10.1490

■ 58.8540, -5.8210,
-10.1490

■ 36.9680, -6.1420,
-9.8380

■ 14.7890, -7.1960,
-12.7640

■ 0.0000, 0.0000,

0.0000

■ 157.6150, -6.6460,
-11.7180

■ 157.6150, -6.6460,
-11.7180

■ 150.7080,
-11.6420, -20.2980

■ 164.5220, -1.6500,
-3.1380

■ 144.1000,
-16.0420, -28.6660

■ 171.1300, 2.7500,
5.2300

■ 137.1930,
-21.0380, -37.2460

■ 178.0370, 7.7460,
13.8100

■ 130.2860,
-26.0340, -45.8260

■ 184.9440, 12.7420,
22.3900

■ 123.3790,
-31.0300, -54.4060

■ 191.5520, 17.1420,
30.7580

■ 116.7710,
-35.4300, -62.7740

■ 198.4590, 22.1380,
39.3380

■ 109.8640,
-40.4260, -71.3540

■ 203.3440, 24.2000,
46.0240

■ 102.9570,
-45.4220, -79.9340

■ 98.8270, -48.1720,
-85.1640

Harmonies

Analogous

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



159.6120, 6.6040, -9.5560



157.6150, -6.6460, -11.7180



156.3840, -19.1170, -11.4770

Triad

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



157.6150, -6.6460, -11.7180



159.8700, -19.9450, 3.5350



163.1340, 23.2900, 7.4340

Complementary

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



157.6150, -6.6460, -11.7180



153.3850, 6.6460, 11.7180

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.



163.8330, 17.0080, 11.1520



157.6150, -6.6460, -11.7180



161.9750, -6.8790, 9.0330

Square

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



157.6150, -6.6460, -11.7180



157.7610, -27.1880, -2.8680



163.4990, 6.3250, 12.0290



162.1460, 23.0160, 1.3840

Rectangle

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



157.6150, -6.6460, -11.7180



155.9150, -24.9860, -9.7380



163.4990, 6.3250, 12.0290



163.7040, 21.6850, 8.9890

Sweetspot

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



157.6150, -6.6460, -11.7180



213.2830, -2.4750, -4.7070



164.0790, 6.7870, -7.3650



107.5220, -1.6500, -3.1380



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



157.6150, -6.6460, -11.7180



201.9470, -10.8170, -18.7290



158.8690, -10.1770, -8.2970



80.6960, -2.2000, -4.1840



87.6740, -42.9470, -75.2270



11.8540, -5.8210, -10.1490

Inverse Universe

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



153.3850, 6.6460, 11.7180



195.0530, 10.8170, 18.7290



152.1310, 10.1770, 8.2970



79.3040, 2.2000, 4.1840



60.3260, 42.9470, 75.2270



8.2600, 5.5000, 10.4600

Previews

White Background



This preview shows how the YIQ color 157.6150, -6.6460, -11.7180 looks on a white background.

Color Contrast Check

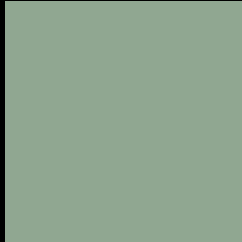
Large Text (above 18pt) WCAG AA × Fail

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 157.6150, -6.6460, -11.7180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

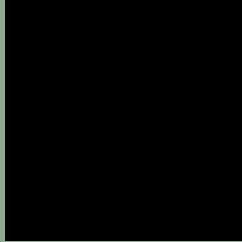
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.6150, -6.6460, -11.7180

Background



This preview shows how black text looks on a background with the YIQ color 157.6150, -6.6460, -11.7180.



This preview shows how white text looks on a background with the YIQ color 157.6150, -6.6460,

-11.7180.

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

157.6150, -6.6460, -11.7180

Protanopia

160.2260, 10.8670, -4.2130

Deuteranopia

161.8620, 18.0640, 3.0240



Tritanopia

160.2960, -12.5170, 1.0750

Trichromacy



Original Color

157.6150, -6.6460, -11.7180

Protanomaly

159.4100, 4.3570, -7.3790

Deuteranomaly

160.2090, 9.5370, -2.1350

Tritanomaly

159.0310, -10.4530, -3.2930

Monochromacy



Original Color

157.6150, -6.6460, -11.7180

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.6960, -2.2000, -4.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.6150, -6.6460, -11.7180 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(144, 167, 145)` looks like.

```
.text, #text, p{  
    color:rgb(144, 167, 145)  
}
```

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(144, 167, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 167, 145) }
```

Border

The CSS property to change the border of an element to YIQ 157.6150, -6.6460, -11.7180 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(144, 167, 145) }
```


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

```
.border{ border-color:rgb(144, 167, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 167, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 167, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 167, 145);  
box-shadow:4px 4px 4px 4px rgb(144, 167,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 157.6150, -6.6460, -11.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 167, 145) }
```

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

```
.background{ background-color: rgb(144,  
167, 145) }
```

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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