

Converting Colors

YIQ(157.9100, -18.5630,
-32.5390)

Have a look what the booklet for
YIQ(157.9100, -18.5630, -32.5390)
contains.

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Color

**YIQ(157.9100, -18.5630,
-32.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	78B87B
RGB	120, 184, 123
RGB Percent	47%, 72%, 48%
CMY	0.5296, 0.2783, 0.5177
CMYK	0.35, 0.00, 0.33, 0.28
HSL	123°, 31%, 60%
HSV	123°, 35%, 72%
XYZ	28.4598, 39.7116, 24.9018
YIQ	157.9100, -18.5630, -32.5390

Conversions

Conversions Part 2

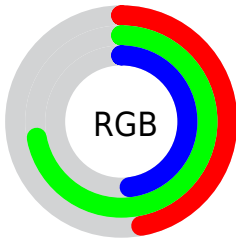
Format	Color
RYB	120, 181, 184
Decimal	7911547
CIELab	69.26, -33.01, 24.70
CIELCh	69, 41.229, 143.197
Yxy	39.7116, 0.3058, 0.4267
Android (android.graphics.Color)	4286101627 (0xFF78B87B)
YUV	157.9100, -17.2106, -33.2471
Hunter-Lab	63.0171, -29.6659, 20.6830

Details

The YIQ color **157.9100, -18.5630, -32.5390** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **146.0900, 18.5630, 32.5390**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9700, -18.7920, -33.8960**, and **105.0780, -18.9760, -30.5600** is the 20% darker color. If you saturate the color by 10%, you get **150.4760, -23.5130, -41.9530**, and if you desaturate by 10%, it is **165.3440, -13.6130, -23.1250**.

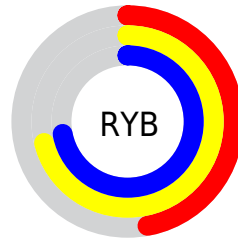
Distribution



Red (47%)

Green (72%)

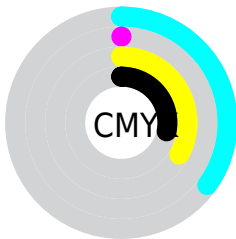
Blue (48%)



Red (47%)

Yellow (71%)

Blue (72%)

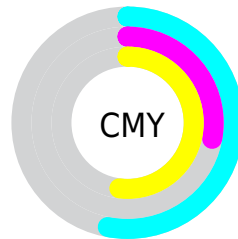


Cyan (35%)

Magenta (0%)

Yellow (33%)

Black (28%)



Cyan (53%)

Magenta (28%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.9100, -18.5630, -32.5390 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 157.9100, -18.5630, -32.5390 by changing the saturation by 10% instead.

■ 157.9100,
-18.5630, -32.5390

■ 157.9100,
-18.5630, -32.5390

■ 255.0000, -0.0000,
-0.0000

■ 131.4370,
-18.6090, -31.7050

■ 212.9700,
-18.7920, -33.8960

■ 105.6650,
-19.2510, -31.0830

■ 233.2250,
-14.8960, -27.4080

■ 79.8930, -19.8930,
-30.4610

■ 245.2020, -6.9210,
-12.2410

■ 53.4410, -24.4320,
-30.8000

■ 33.9150, -16.9590,
-28.5670

■ 21.1320, -9.9000,
-18.8280

■ 0.0000, 0.0000,

0.0000

■ 157.9100,
-18.5630, -32.5390

■ 157.9100,
-18.5630, -32.5390

■ 150.4760,
-23.5130, -41.9530

■ 165.3440,
-13.6130, -23.1250

■ 142.8570,
-29.3800, -51.2680

■ 172.9630, -7.7460,
-13.8100

■ 135.4230,
-34.3300, -60.6820

■ 180.3970, -2.7960,
-4.3960

■ 127.8040,
-40.1970, -69.9970


■ 188.0160, 3.0710,
4.9190


■ 120.3700,
-45.1470, -79.4110


■ 195.4500, 8.0210,
14.3330

■ 113.0500,
-50.4180, -88.5140

■ 202.7700, 13.2920,
23.4360

 109.0340,
-53.4890, -93.4330

 210.5030, 18.8380,
33.0620

 213.3230, 19.5250,
37.1330

Harmonies

Analogous

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



163.6340, 17.5650, -26.4910



157.9100, -18.5630, -32.5390



147.9170, -63.9990, -35.0950

Triad

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



157.9100, -18.5630, -32.5390



158.8320, -69.5080, 4.1880



171.0140, 59.2790, 21.5110

Complementary

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



157.9100, -18.5630, -32.5390



146.0900, 18.5630, 32.5390

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.



172.8510, 44.1010, 32.2690



157.9100, -18.5630, -32.5390



170.6530, -25.8630, 22.6890

Square

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



157.9100, -18.5630, -32.5390



134.0000, -123.7880, -25.3240



174.0510, 14.2990, 32.7230



169.4630, 58.7320, 3.8840

Rectangle

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



157.9100, -18.5630, -32.5390



132.0330, -111.3600, -41.3120



174.0510, 14.2990, 32.7230



171.7950, 55.7020, 25.7660

Sweetspot

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



157.9100, -18.5630, -32.5390



230.2020, -6.9210, -12.2410



176.1060, 19.3520, -20.3280



113.9190, -4.4460, -7.5340



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



157.9100, -18.5630, -32.5390



198.8570, -29.3800, -51.2680



161.4440, -28.5140, -22.8980



88.2830, -2.4750, -4.7070



92.3700, -45.1470, -79.4110



16.5500, -8.0210, -14.3330

Inverse Universe

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



146.0900, 18.5630, 32.5390



180.1430, 29.3800, 51.2680



142.5560, 28.5140, 22.8980



86.6030, 2.7960, 4.3960



63.5160, 45.4680, 79.1000



11.4500, 8.0210, 14.3330

Previews

White Background



This preview shows how the YIQ color 157.9100, -18.5630, -32.5390 looks on a white background.

Color Contrast Check

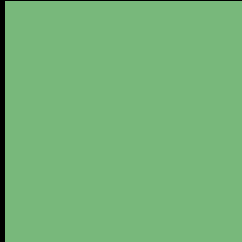
Large Text (above 18pt) WCAG AA × Fail

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 157.9100, -18.5630, -32.5390 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 157.9100, -18.5630, -32.5390 Background



This preview shows how black text looks on a background with the YIQ color 157.9100, -18.5630, -32.5390.



This preview shows how white text looks on a background with the YIQ color 157.9100, -18.5630, -32.5390.

-32.5390.

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

157.9100, -18.5630, -32.5390

Protanopia

166.2580, 25.0360, -13.2040

Deuteranopia

168.3010, 32.6450, -2.4190



Tritanopia

164.7390, -30.1220, -4.7620

Trichromacy



Original Color

157.9100, -18.5630, -32.5390

Protanomaly

163.2450, 8.7150, -20.2850

Deuteranomaly

164.3970, 14.3990, -13.1610

Tritanomaly

162.2690, -26.2230, -14.8550

Monochromacy



Original Color

157.9100, -18.5630, -32.5390

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.6150, -6.6460, -11.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.9100, -18.5630, -32.5390 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(120, 184, 123)` looks like.

```
.text, #text, p{  
    color:rgb(120, 184, 123)  
}
```

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(120, 184, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 184, 123) }
```

Border

The CSS property to change the border of an element to YIQ 157.9100, -18.5630, -32.5390 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(120, 184, 123) }
```


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

```
.border{ border-color:rgb(120, 184, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 184, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 184, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 184, 123);  
box-shadow:4px 4px 4px 4px rgb(120, 184,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 157.9100, -18.5630, -32.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 184, 123) }
```

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

```
.background{ background-color: rgb(120,  
184, 123) }
```

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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