

Converting Colors

YIQ(149.7900, -16.9640,
-0.9320)

Have a look what the booklet for
YIQ(149.7900, -16.9640, -0.9320)
contains.

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Color

**YIQ(149.7900, -16.9640,
-0.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	859BA7
RGB	133, 155, 167
RGB Percent	52%, 61%, 65%
CMY	0.4785, 0.3921, 0.3452
CMYK	0.20, 0.07, 0.00, 0.35
HSL	201°, 16%, 59%
HSV	201°, 20%, 65%
XYZ	28.3672, 31.2207, 41.0808
YIQ	149.7900, -16.9640, -0.9320

Conversions

Conversions Part 2

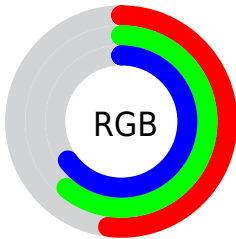
Format	Color
RYB	133, 146, 167
Decimal	8756135
CIELab	62.69, -5.06, -8.84
CIELCh	63, 10.183, 240.235
Yxy	31.2207, 0.2818, 0.3101
Android (android.graphics.Color)	4286946215 (0xFF859BA7)
YUV	149.7900, 8.4845, -14.7248
Hunter-Lab	55.8755, -7.1602, -4.4784

Details

The YIQ color **149.7900, -16.9640, -0.9320** is a light color, and the websafe version is hex **999999**. A complement of this color would be **150.2100, 16.9640, 0.9320**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9040, -17.2850, -0.6210**, and **98.9750, -16.0470, -1.0310** is the 20% darker color. If you saturate the color by 10%, you get **141.1850, -25.4460, -1.3980**, and if you desaturate by 10%, it is **158.3950, -8.4820, -0.4660**.

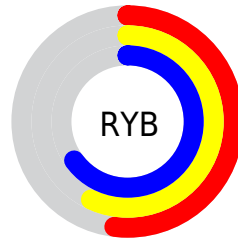
Distribution



Red (52%)

Green (61%)

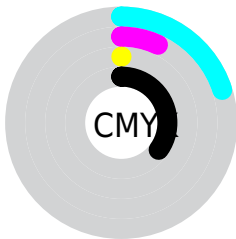
Blue (65%)



Red (52%)

Yellow (57%)

Blue (65%)

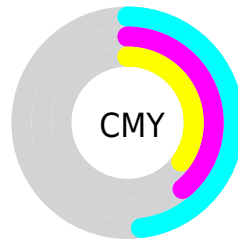


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.7900, -16.9640, -0.9320 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 149.7900, -16.9640, -0.9320 by changing the saturation by 10% instead.

■ 149.7900,
-16.9640, -0.9320

■ 149.7900,
-16.9640, -0.9320

■ 255.0000, -0.0000,
-0.0000

■ 123.7900,
-16.9640, -0.9320

■ 203.9040,
-17.2850, -0.6210

■ 98.9750, -16.0470,
-1.0310

■ 232.3060,
-18.4770, -1.0450

■ 74.9750, -16.0470,
-1.0310

■ 251.4120, -7.1520,
-2.5440

■ 51.8610, -15.7260,
-1.3420

■ 29.8610, -15.7260,
-1.3420

■ 11.0680, -11.8750,
0.4530

■ 0.0000, 0.0000,

0.0000

■ 149.7900,
-16.9640, -0.9320

■ 149.7900,
-16.9640, -0.9320

■ 141.1850,
-25.4460, -1.3980

■ 158.3950, -8.4820,
-0.4660

■ 132.8790,
-33.3320, -1.6520

■ 166.7010, -0.5960,
-0.2120

■ 124.2740,
-41.8140, -2.1180

■ 175.3060, 7.8860,
0.2540

■ 115.6690,
-50.2960, -2.5840

■ 183.9110, 16.3680,
0.7200

■ 107.6510,
-59.0530, -3.5730

■ 191.6300, 24.5290,
1.4970

■ 99.3450, -66.9390,
-3.8270

■ 200.2350, 33.0110,
1.9630

■ 90.7400, -75.4210,
-4.2930

■ 208.8400, 41.4930,
2.4290

■ 82.4340, -83.3070,
-4.5470

■ 213.8570, 42.8230,
0.3510

■ 217.3790, 41.1730,
-2.7870

Harmonies

Analogous

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



148.9700, -17.6510, -5.0030



149.7900, -16.9640, -0.9320



150.9480, -11.4170, 3.1670

Triad

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



149.7900, -16.9640, -0.9320



153.8600, 12.3780, 6.9540



150.4530, 2.7980, -6.6580

Complementary

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



149.7900, -16.9640, -0.9320



150.2100, 16.9640, 0.9320

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.



151.4540, 10.2250, -3.5910



149.7900, -16.9640, -0.9320



153.1330, 15.8630, 4.3670

Square

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



149.7900, -16.9640, -0.9320



153.6790, 5.6380, 7.9580



152.3130, 15.1760, 0.2960



149.3210, -5.6380, -7.9580

Rectangle

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



149.7900, -16.9640, -0.9320



152.0520, -5.7780, 5.5980



152.3130, 15.1760, 0.2960



150.6490, 5.1820, -5.8100

Sweetspot

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



149.7900, -16.9640, -0.9320



210.1780, -6.3730, -0.1410



154.3260, -13.2020, -14.0500



105.8470, -3.9430, -0.1270



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.



149.7900, -16.9640, -0.9320



190.2990, -25.7670, -1.0870



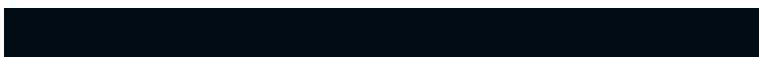
139.8110, -12.2890, 7.9590



79.8470, -3.9430, -0.1270



73.2240, -73.9080, -4.1800



9.9110, -9.9950, -0.5790

Inverse Universe

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



145.6740, 13.2020, 14.0500



184.3100, 20.3990, 21.2870



160.1890, 12.2890, -7.9590



78.9620, 3.1630, 3.2510



55.1960, 57.3920, 61.2320



7.4620, 7.7470, 8.2830

Previews

White Background



This preview shows how the YIQ color 149.7900, -16.9640, -0.9320 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 149.7900, -16.9640, -0.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

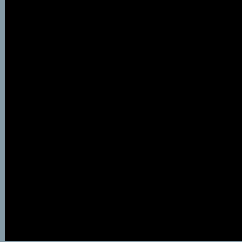
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

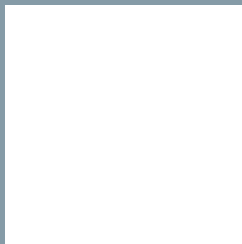
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 149.7900, -16.9640, -0.9320

Background



This preview shows how black text looks on a background with the YIQ color 149.7900, -16.9640, -0.9320.



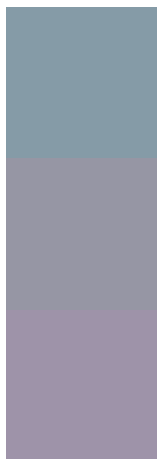
This preview shows how white text looks on a background with the YIQ color 149.7900, -16.9640, -0.9320.

-0.9320.

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

149.7900, -16.9640, -0.9320

Protanopia

151.5960, -4.4940, 4.3540

Deuteranopia

152.7970, -0.5060, 9.1740



Tritanopia

149.7900, -16.9640, -0.9320

Trichromacy



Original Color

149.7900, -16.9640, -0.9320

Protanomaly

151.0900, -8.9410, 2.3470

Deuteranomaly

151.7530, -6.3740, 5.3860

Tritanomaly

149.7900, -16.9640, -0.9320

Monochromacy



Original Color

149.7900, -16.9640, -0.9320

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0640, -6.0520, -0.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.7900, -16.9640, -0.9320 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(133, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(133, 155, 167)  
}
```

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(133, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 155, 167) }
```

Border

The CSS property to change the border of an element to YIQ 149.7900, -16.9640, -0.9320 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(133, 155, 167) }
```


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

```
.border{ border-color:rgb(133, 155, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(133, 155,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 149.7900, -16.9640, -0.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 155, 167) }
```

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

```
.background{ background-color: rgb(133,  
155, 167) }
```

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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