

Converting Colors

YIQ(149.7900, 27.7350, 20.4950)

Have a look what the booklet for
YIQ(149.7900, 27.7350, 20.4950)
contains.

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Color

**YIQ(149.7900, 27.7350,
20.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	BD819A
RGB	189, 129, 154
RGB Percent	74%, 51%, 60%
CMY	0.2587, 0.4942, 0.3960
CMYK	0.00, 0.32, 0.19, 0.26
HSL	335°, 31%, 62%
HSV	335°, 32%, 74%
XYZ	34.6779, 28.8517, 34.3232
YIQ	149.7900, 27.7350, 20.4950

Conversions

Conversions Part 2

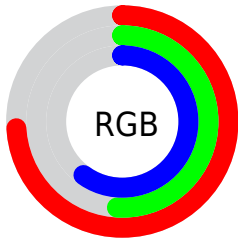
Format	Color
RYB	189, 129, 154
Decimal	12419482
CIELab	60.65, 26.89, -3.96
CIELCh	61, 27.179, 351.625
Yxy	28.8517, 0.3544, 0.2948
Android (android.graphics.Color)	4290609562 (0xFFBD819A)
YUV	149.7900, 2.0755, 34.3872
Hunter-Lab	53.7138, 21.2413, -0.2867

Details

The YIQ color **149.7900, 27.7350, 20.4950** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **168.2100, -27.7350, -20.4950**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.1000, 29.7980, 21.6540**, and **98.4800, 25.6720, 19.3360** is the 20% darker color. If you saturate the color by 10%, you get **137.3830, 36.4910, 27.0110**, and if you desaturate by 10%, it is **162.1970, 18.9790, 13.9790**.

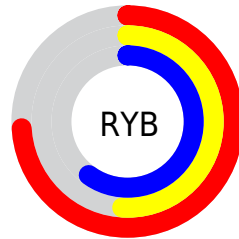
Distribution



Red (74%)

Green (51%)

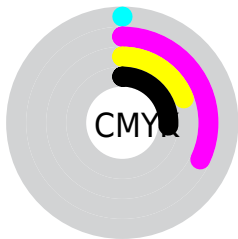
Blue (60%)



Red (74%)

Yellow (51%)

Blue (60%)

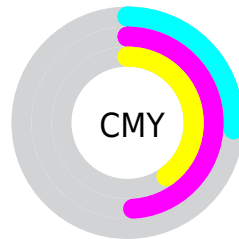


Cyan (0%)

Magenta (32%)

Yellow (19%)

Black (26%)



Cyan (26%)

Magenta (49%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.7900, 27.7350, 20.4950 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, 27.7350, 20.4950 by changing the saturation by 10% instead.


 149.7900, 27.7350,
20.4950


 149.7900, 27.7350,
20.4950


255.0000, -0.0000,
-0.0000


 123.1920, 26.5430,
20.0710


 204.1000, 29.7980,
21.6540


 98.4800, 25.6720,
19.3360


 226.5330, 18.1530,
17.9370

 73.5830, 23.8840,
18.7000

 245.6080, 4.4000,
8.3680

 49.9850, 22.6920,
18.2760

 26.3270, 21.7290,
19.2090

 13.1430, 19.0710,
12.3110

 0.0000, 0.0000,

0.0000

■ 149.7900, 27.7350,
20.4950

■ 149.7900, 27.7350,
20.4950

■ 137.3830, 36.4910,
27.0110

■ 162.1970, 18.9790,
13.9790

■ 124.9760, 45.2470,
33.5270

■ 174.6040, 10.2230,
7.4630

■ 112.5690, 54.0030,
40.0430

■ 187.0110, 1.4670,
0.9470

■ 100.1620, 62.7590,
46.5590

■ 199.4180, -7.2890,
-5.5690

■ 87.7550, 71.5150,
53.0750

■ 211.8250,
-16.0450, -12.0850

■ 75.9350, 79.9960,
59.0680

■ 223.6450,
-24.5260, -18.0780

■ 65.5170, 87.2850,
64.6370

■ 232.5300,
-31.6320, -21.4560

■ 233.7840,
-35.1630, -18.0350

■ 235.0380,
-38.6940, -14.6140

Harmonies

Analogous

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



149.5520, 7.9740, 20.6940



149.7900, 27.7350, 20.4950



148.5490, 38.4190, 14.0910

Triad

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



149.7900, 27.7350, 20.4950



142.9190, 12.7490, -16.2990



134.8590, -56.9430, -8.7750

Complementary

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



149.7900, 27.7350, 20.4950



168.2100, -27.7350, -20.4950

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.



132.8450, -54.3280, -17.6240



149.7900, 27.7350, 20.4950



140.0780, -9.8080, -20.4960

Square

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



149.7900, 27.7350, 20.4950



145.1710, 29.8950, -7.6490



135.9750, -34.3830, -21.1590



142.0340, -40.8980, 3.3100

Rectangle

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



149.7900, 27.7350, 20.4950



147.8170, 40.3000, 7.5320



135.9750, -34.3830, -21.1590



133.8540, -58.5470, -12.7470

Sweetspot

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



149.7900, 27.7350, 20.4950



228.7290, 11.3690, 8.7210



146.0060, 1.0040, 25.8680



112.8700, 6.4180, 4.8340



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.



149.7900, 27.7350, 20.4950



184.2530, 42.9090, 31.8450



149.2880, 34.6600, 10.6280



88.1470, 4.0800, 3.1520



54.7660, 72.9820, 54.0220



10.7510, 14.3030, 10.6150

Inverse Universe

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



149.7900, 27.7350, 20.4950



184.2530, 42.9090, 31.8450



168.7120, -34.6600, -10.6280



88.1470, 4.0800, 3.1520



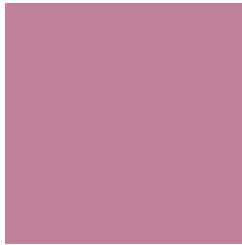
54.7660, 72.9820, 54.0220



10.7510, 14.3030, 10.6150

Previews

White Background



This preview shows how the YIQ color 149.7900, 27.7350, 20.4950 looks on a white background.

Color Contrast Check

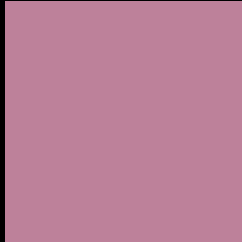
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.7350, 20.4950 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 × Fail

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

YIQ 149.7900, 27.7350, 20.4950

Background



This preview shows how black text looks on a background with the YIQ color 149.7900, 27.7350, 20.4950.



This preview shows how white text looks on a background with the YIQ color 149.7900, 27.7350,

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, 27.7350, 20.4950

Protanopia

147.4540, -6.9700, 5.1740

Deuteranopia

148.2230, 6.9220, 6.7140



Tritanopia

149.1830, 30.7620, 15.1940

Trichromacy



Original Color

149.7900, 27.7350, 20.4950

Protanomaly

148.2600, 5.5000, 10.4600

Deuteranomaly

148.6910, 14.5320, 11.9720

Tritanomaly

149.1660, 29.4320, 17.2720

Monochromacy



Original Color

149.7900, 27.7350, 20.4950

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.6040, 10.2230, 7.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.7900, 27.7350, 20.4950 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(189, 129, 154)` looks like.

```
.text, #text, p{  
    color:rgb(189, 129, 154)  
}
```

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(189, 129, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 129, 154) }
```

Border

The CSS property to change the border of an element to YIQ 149.7900, 27.7350, 20.4950 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(189, 129, 154) }
```


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

```
.border{ border-color:rgb(189, 129, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 129, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 129, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 129, 154);  
box-shadow:4px 4px 4px 4px rgb(189, 129,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 149.7900, 27.7350, 20.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 129, 154) }
```

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

```
.background{ background-color: rgb(189,  
129, 154) }
```

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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