

Converting Colors

YIQ(145.7490, 34.9800, 15.8440)

Have a look what the booklet for
YIQ(145.7490, 34.9800, 15.8440)
contains.

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Color

**YIQ(145.7490, 34.9800,
15.8440)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7E86
RGB	189, 126, 134
RGB Percent	74%, 49%, 53%
CMY	0.2587, 0.5060, 0.4744
CMYK	0.00, 0.33, 0.29, 0.26
HSL	352°, 32%, 62%
HSV	352°, 33%, 74%
XYZ	32.7590, 27.4610, 26.1405
YIQ	145.7490, 34.9800, 15.8440

Conversions

Conversions Part 2

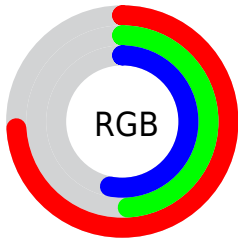
Format	Color
R_{YB}	189, 126, 134
Decimal	12418694
CIE _{Lab}	59.40, 25.57, 5.69
CIE _{LCh}	59, 26.196, 12.555
Yxy	27.4610, 0.3793, 0.3180
Android (android.graphics.Color)	4290608774 (0xFFBD7E86)
YUV	145.7490, -5.7923, 37.9311
Hunter-Lab	52.4032, 19.8805, 7.1064

Details

The YIQ color **145.7490, 34.9800, 15.8440** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **169.2510, -34.9800, -15.8440**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.2440, 37.9600, 16.9040**, and **94.3680, 31.6790, 15.0950** is the 20% darker color. If you saturate the color by 10%, you get **132.7720, 45.3410, 20.8050**, and if you desaturate by 10%, it is **158.8400, 24.2980, 11.1940**.

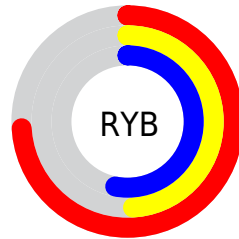
Distribution



Red (74%)

Green (49%)

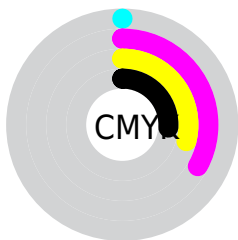
Blue (53%)



Red (74%)

Yellow (49%)

Blue (53%)

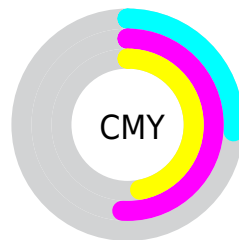


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (26%)



Cyan (26%)

Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.7490, 34.9800, 15.8440 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 145.7490, 34.9800, 15.8440 by changing the saturation by 10% instead.


 145.7490, 34.9800,
15.8440


 145.7490, 34.9800,
15.8440


255.0000, -0.0000,
-0.0000


 119.8520, 33.1920,
15.2080


 200.2440, 37.9600,
16.9040


 94.3680, 31.6790,
15.0950


 222.2640, 26.0400,
12.6640

 69.7700, 30.4870,
14.6710

 241.8920, 9.3520,
6.7280

 46.1010, 28.0570,
14.6570

 22.7310, 26.2230,
14.8550

 11.1770, 21.7310,
8.1550

 0.0000, 0.0000,

0.0000

■ 145.7490, 34.9800,
15.8440

■ 145.7490, 34.9800,
15.8440

■ 132.7720, 45.3410,
20.8050

■ 158.8400, 24.2980,
11.1940

■ 119.6810, 56.0230,
25.4550

■ 171.8170, 13.9370,
6.2330

■ 106.7040, 66.3840,
30.4160

■ 184.9080, 3.2550,
1.5830

■ 93.6130, 77.0660,
35.0660

■ 197.8850, -7.1060,
-3.3780

■ 80.6360, 87.4270,
40.0270

■ 210.2750,
-17.1920, -7.8160

■ 68.1320, 97.8340,
44.1540

■ 223.3660,
-27.8740, -12.4660

■ 59.2470, 104.9400,
47.5320

■ 234.5820,
-37.4100, -15.8580

■ 235.2660,
-39.3360, -13.9920

Harmonies

Analogous

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



146.8540, 21.6830, 20.0430



145.7490, 34.9800, 15.8440



144.5070, 38.2370, 6.3730

Triad

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



145.7490, 34.9800, 15.8440



138.0250, -2.2890, -19.0970



136.7730, -44.6570, -0.1530

Complementary

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



145.7490, 34.9800, 15.8440



169.2510, -34.9800, -15.8440

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.



131.3490, -55.5670, -11.6870



145.7490, 34.9800, 15.8440



134.5800, -25.9010, -20.6930

Square

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



145.7490, 34.9800, 15.8440



140.8380, 17.4710, -13.7690



131.3250, -46.9920, -18.4160



142.7590, -23.7060, 11.1260

Rectangle

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



145.7490, 34.9800, 15.8440



143.3230, 35.5790, -0.5250



131.3250, -46.9920, -18.4160



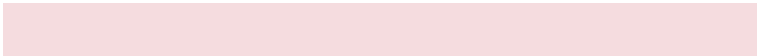
134.6150, -50.2040, -4.2520

Sweetspot

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



145.7490, 34.9800, 15.8440



227.8170, 13.9370, 6.2330



149.6270, 12.5570, 31.2530



112.4140, 7.7020, 3.5900



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.



145.7490, 34.9800, 15.8440



177.6700, 54.5560, 24.5080



158.3380, 31.2230, 1.3270



87.8050, 5.0430, 2.2190



49.5220, 87.7480, 39.7160



9.7250, 17.1920, 7.8160

Inverse Universe

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



145.7490, 34.9800, 15.8440



177.6700, 54.5560, 24.5080



156.6620, -31.2230, -1.3270



87.8050, 5.0430, 2.2190



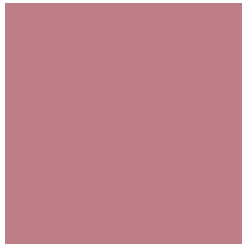
49.5220, 87.7480, 39.7160



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 145.7490, 34.9800, 15.8440 looks on a white background.

Color Contrast Check

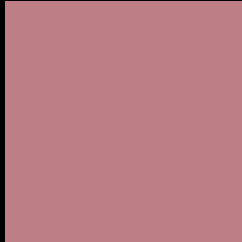
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.7490, 34.9800, 15.8440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

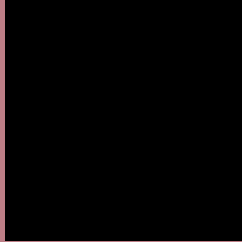
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.7490, 34.9800, 15.8440

Background



This preview shows how black text looks on a background with the YIQ color 145.7490, 34.9800, 15.8440.



This preview shows how white text looks on a background with the YIQ color 145.7490, 34.9800,

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

145.7490, 34.9800, 15.8440

Protanopia

143.8970, 1.7880, 0.6360

Deuteranopia

144.4920, 16.2300, 3.2220



Tritanopia

145.8630, 34.6590, 16.1550

Trichromacy



Original Color

145.7490, 34.9800, 15.8440

Protanomaly

144.8170, 13.9370, 6.2330

Deuteranomaly

145.2480, 22.9690, 7.7450

Tritanomaly

145.8630, 34.6590, 16.1550

Monochromacy



Original Color

145.7490, 34.9800, 15.8440

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.2190, 12.7450, 5.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.7490, 34.9800, 15.8440 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, 126, 134)` looks like.

```
.text, #text, p{  
    color:rgb(189, 126, 134)  
}
```

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, 126, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 126, 134) }
```

Border

The CSS property to change the border of an element to YIQ 145.7490, 34.9800, 15.8440 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, 126, 134) }
```


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

```
.border{ border-color:rgb(189, 126, 134) }
```

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

Here you see how a box with a 4 pixel rgb(189, 126, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 126, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 126, 134);  
box-shadow:4px 4px 4px 4px rgb(189, 126,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 145.7490, 34.9800, 15.8440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 126, 134) }
```

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

```
.background{ background-color: rgb(189,  
126, 134) }
```

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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