

Converting Colors

YIQ(149.4510, 15.4480, 17.4000)

Have a look what the booklet for
YIQ(149.4510, 15.4480, 17.4000)
contains.

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Color

**YIQ(149.4510, 15.4480,
17.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	AF86A2
RGB	175, 134, 162
RGB Percent	69%, 53%, 64%
CMY	0.3136, 0.4746, 0.3647
CMYK	0.00, 0.23, 0.07, 0.31
HSL	319°, 20%, 61%
HSV	319°, 23%, 69%
XYZ	32.7310, 28.7718, 38.0155
YIQ	149.4510, 15.4480, 17.4000

Conversions

Conversions Part 2

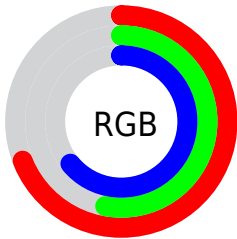
Format	Color
RYB	175, 134, 162
Decimal	11503266
CIELab	60.58, 20.38, -8.80
CIELCh	61, 22.197, 336.653
Yxy	28.7718, 0.3289, 0.2891
Android (android.graphics.Color)	4289693346 (0xFFAF86A2)
YUV	149.4510, 6.1867, 22.4065
Hunter-Lab	53.6393, 15.0527, -4.4727

Details

The YIQ color **149.4510, 15.4480, 17.4000** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **159.5490, -15.4480, -17.4000**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.5760, 16.5940, 18.6580**, and **98.3260, 14.3020, 16.1420** is the 20% darker color. If you saturate the color by 10%, you get **138.2010, 22.3240, 24.9480**, and if you desaturate by 10%, it is **160.1140, 8.8470, 10.3750**.

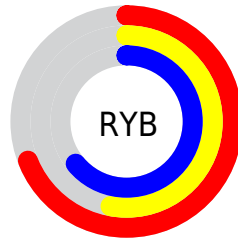
Distribution



Red (69%)

Green (53%)

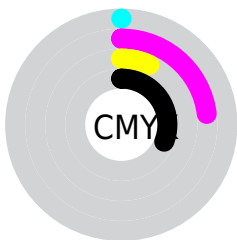
Blue (64%)



Red (69%)

Yellow (53%)

Blue (64%)

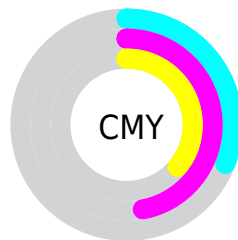


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (31%)



Cyan (31%)


Magenta (47%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.4510, 15.4480, 17.4000 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 149.4510, 15.4480, 17.4000 by changing the saturation by 10% instead.


 149.4510, 15.4480,
17.4000

 149.4510, 15.4480,
17.4000


255.0000, -0.0000,
-0.0000

 123.1520, 14.8520,
17.1880


 203.5760, 16.5940,
18.6580


 98.3260, 14.3020,
16.1420


 230.3800, 14.2100,
17.8100

 74.0270, 13.7060,
15.9300

 248.5430, 3.0250,
5.7530

 51.0160, 12.2390,
14.9830

 28.7170, 11.6430,
14.7710

 11.6630, 11.7350,
13.1030

 0.0000, 0.0000,

0.0000

■ 149.4510, 15.4480,
17.4000

■ 149.4510, 15.4480,
17.4000

■ 138.2010, 22.3240,
24.9480

■ 160.1140, 8.8470,
10.3750

■ 127.6520, 28.6040,
32.2840

■ 171.2500, 2.2920,
2.5160

■ 116.4020, 35.4800,
39.8320

■ 181.9130, -4.3090,
-4.5090

■ 105.8530, 41.7600,
47.1680

■ 193.0490,
-10.8640, -12.3680

■ 94.6030, 48.6360,
54.7160

■ 204.2990,
-17.7400, -19.9160

■ 84.0540, 54.9160,
62.0520

■ 214.8480,
-24.0200, -27.2520

72.8040, 61.7920,
69.6000

224.9240,
-30.3460, -33.7540

66.0050, 65.7800,
74.4200

225.4940,
-31.9510, -32.1990

226.1780,
-33.8770, -30.3330

Harmonies

Analogous

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



148.8170, -3.2580, 14.9980



149.4510, 15.4480, 17.4000



148.9870, 28.3780, 14.3460

Triad

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



149.4510, 15.4480, 17.4000



144.5440, 18.4790, -10.0090



137.4490, -44.1050, -10.1610

Complementary

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



149.4510, 15.4480, 17.4000



159.5490, -15.4480, -17.4000

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.



137.3650, -35.3010, -15.5330



149.4510, 15.4480, 17.4000



142.2860, 1.4700, -15.6340

Square

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



149.4510, 15.4480, 17.4000



146.8600, 29.5730, -1.8110



139.8800, -17.8780, -17.4140



140.6550, -38.5130, -1.3690

Rectangle

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



149.4510, 15.4480, 17.4000



148.3910, 32.8720, 9.9920



139.8800, -17.8780, -17.4140



137.3520, -42.4540, -12.5500

Sweetspot

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



149.4510, 15.4480, 17.4000



217.0380, 6.0050, 6.8130



142.5610, -5.4130, 15.5070



109.3750, 3.4380, 3.7740



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



149.4510, 15.4480, 17.4000



187.1520, 24.0200, 27.2520



147.1710, 21.8680, 11.1800



81.3750, 3.4380, 3.7740



56.5920, 56.3370, 63.8330



8.7010, 8.5720, 9.8520

Inverse Universe

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



149.4510, 15.4480, 17.4000



187.1520, 24.0200, 27.2520



161.9430, -22.1890, -10.8690



81.3750, 3.4380, 3.7740



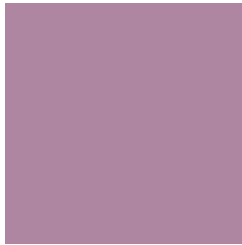
56.5920, 56.3370, 63.8330



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 149.4510, 15.4480, 17.4000 looks on a white background.

Color Contrast Check

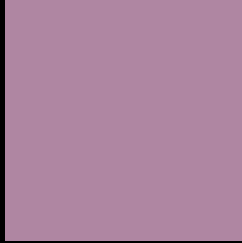
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.4510, 15.4480, 17.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

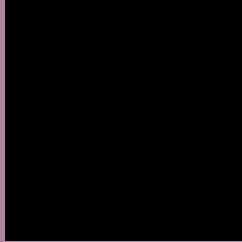
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.4510, 15.4480, 17.4000

Background



This preview shows how black text looks on a background with the YIQ color 149.4510, 15.4480, 17.4000.



This preview shows how white text looks on a background with the YIQ color 149.4510, 15.4480,

17.4000.

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

149.4510, 15.4480, 17.4000

Protanopia

146.8390, -9.4920, 6.8280

Deuteranopia

147.6400, 1.3740, 8.1420



Tritanopia

148.9040, 18.2460, 10.7420

Trichromacy



Original Color

149.4510, 15.4480, 17.4000

Protanomaly

147.7370, -0.2770, 10.5310

Deuteranomaly

148.3850, 6.6460, 11.7180

Tritanomaly

149.1860, 17.5120, 13.0320

Monochromacy



Original Color

149.4510, 15.4480, 17.4000

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.3260, 5.1340, 6.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4510, 15.4480, 17.4000 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(175, 134, 162)` looks like.

```
.text, #text, p{  
    color:rgb(175, 134, 162)  
}
```

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(175, 134, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 134, 162) }
```

Border

The CSS property to change the border of an element to YIQ 149.4510, 15.4480, 17.4000 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(175, 134, 162) }
```


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

```
.border{ border-color:rgb(175, 134, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 134, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 134, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 134, 162);  
box-shadow:4px 4px 4px 4px rgb(175, 134,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4510, 15.4480, 17.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 134, 162) }
```

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

```
.background{ background-color: rgb(175,  
134, 162) }
```

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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