

Converting Colors

YIQ(149.3460, 11.5500, 21.9660)

Have a look what the booklet for
YIQ(149.3460, 11.5500, 21.9660)
contains.

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Color

**YIQ(149.3460, 11.5500,
21.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	AE84AE
RGB	174, 132, 174
RGB Percent	68%, 52%, 68%
CMY	0.3175, 0.4824, 0.3176
CMYK	0.00, 0.24, 0.00, 0.32
HSL	300°, 21%, 60%
HSV	300°, 24%, 68%
XYZ	33.3519, 28.5563, 43.8002
YIQ	149.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

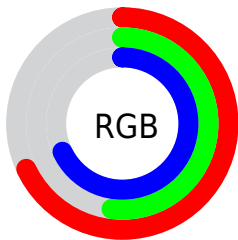
Format	Color
RYB	174, 132, 174
Decimal	11437230
CIELab	60.39, 23.41, -15.94
CIElCh	60, 28.317, 325.753
Yxy	28.5563, 0.3155, 0.2701
Android (android.graphics.Color)	4289627310 (0xFFAE84AE)
YUV	149.3460, 12.1544, 21.6216
Hunter-Lab	53.4381, 17.8894, -11.1901

Details

The YIQ color **149.3460, 11.5500, 21.9660** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **156.6540, -11.5500, -21.9660**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.5850, 12.3750, 23.5350**, and **98.2210, 10.4040, 20.7080** is the 20% darker color. If you saturate the color by 10%, you get **139.3670, 16.2250, 30.8570**, and if you desaturate by 10%, it is **159.3250, 6.8750, 13.0750**.

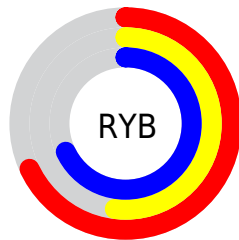
Distribution



Red (68%)

Green (52%)

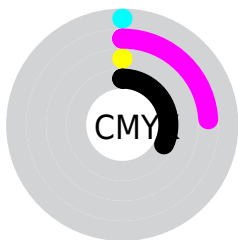
Blue (68%)



Red (68%)

Yellow (52%)

Blue (68%)

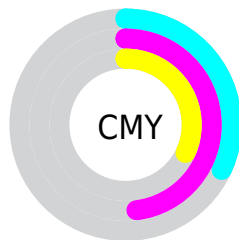


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (32%)



Cyan (32%)

Magenta (48%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.3460, 11.5500, 21.9660 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 149.3460, 11.5500, 21.9660 by changing the saturation by 10% instead.


 149.3460, 11.5500,
21.9660


 149.3460, 11.5500,
21.9660


255.0000, -0.0000,
-0.0000


 123.5200, 11.0000,
20.9200


 203.5850, 12.3750,
23.5350

 98.2210, 10.4040,
20.7080

 230.3460, 11.5500,
21.9660

 73.8080, 10.1290,
20.1850

 247.3690, 3.5750,
6.7990

 50.6830, 8.9830,
18.9270

 28.2700, 8.7080,
18.4040

 12.3900, 8.2500,
15.6900

 0.0000, 0.0000,

0.0000

■ 149.3460, 11.5500,
21.9660

■ 149.3460, 11.5500,
21.9660

■ 139.3670, 16.2250,
30.8570

■ 159.3250, 6.8750,
13.0750

■ 128.8010, 21.1750,
40.2710

■ 169.8910, 1.9250,
3.6610

■ 118.8220, 25.8500,
49.1620

■ 179.8700, -2.7500,
-5.2300

■ 108.2560, 30.8000,
58.5760

■ 190.4360, -7.7000,
-14.6440

■ 98.2770, 35.4750,
67.4670

■ 200.4150,
-12.3750, -23.5350

■ 88.2980, 40.1500,
76.3580

■ 210.3940,
-17.0500, -32.4260

■ 77.7320, 45.1000,
85.7720

■ 220.9600,
-22.0000, -41.8400

■ 71.8620, 47.8500,
91.0020

■ 221.5470,
-22.2750, -42.3630

Harmonies

Analogous

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



146.8960, -13.6660, 16.3980



149.3460, 11.5500, 21.9660



149.0570, 31.3570, 20.9330

Triad

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



149.3460, 11.5500, 21.9660



144.5190, 28.7950, -9.7410



131.0940, -59.4630, -18.1750

Complementary

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



149.3460, 11.5500, 21.9660



156.6540, -11.5500, -21.9660

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.



133.9250, -40.1140, -21.9220



149.3460, 11.5500, 21.9660



142.1960, 10.4110, -17.9810

Square

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



149.3460, 11.5500, 21.9660



146.2420, 40.3010, 2.0050



138.3980, -13.7050, -21.4570



134.6030, -59.0980, -8.2660

Rectangle

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



149.3460, 11.5500, 21.9660



148.0160, 38.6020, 16.2820



138.3980, -13.7050, -21.4570



131.3780, -54.5110, -19.8150

Sweetspot

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



149.3460, 11.5500, 21.9660



217.6080, 4.4000, 8.3680



136.7880, -13.4820, 13.0620



109.7170, 2.4750, 4.7070



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.



149.3460, 11.5500, 21.9660



188.2580, 18.1500, 34.5180



146.9520, 18.2910, 15.4350



81.7170, 2.4750, 4.7070



61.9500, 41.2500, 78.4500



9.4990, 6.3250, 12.0290

Inverse Universe

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



149.3460, 11.5500, 21.9660



188.2580, 18.1500, 34.5180



159.0480, -18.2910, -15.4350



81.7170, 2.4750, 4.7070



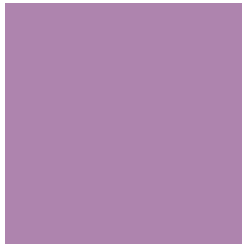
61.9500, 41.2500, 78.4500



9.4990, 6.3250, 12.0290

Previews

White Background



This preview shows how the YIQ color 149.3460, 11.5500, 21.9660 looks on a white background.

Color Contrast Check

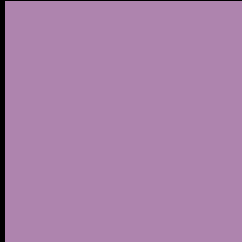
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.3460, 11.5500, 21.9660 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 149.3460, 11.5500, 21.9660

Background



This preview shows how black text looks on a background with the YIQ color 149.3460, 11.5500, 21.9660.



This preview shows how white text looks on a background with the YIQ color 149.3460, 11.5500,

21.9660.

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

149.3460, 11.5500, 21.9660

Protanopia

146.3530, -16.6910, 10.6450

Deuteranopia

146.9150, -6.6500, 10.3900



Tritanopia

148.0070, 16.4580, 10.1060

Trichromacy



Original Color

149.3460, 11.5500, 21.9660

Protanomaly

147.5500, -6.8800, 14.5600

Deuteranomaly

147.6710, 0.0890, 14.9130

Tritanomaly

148.2720, 14.3940, 14.4740

Monochromacy



Original Color

149.3460, 11.5500, 21.9660

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.1950, 4.1250, 7.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.3460, 11.5500, 21.9660 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(174, 132, 174)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 174)  
}
```

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(174, 132, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 174) }
```

Border

The CSS property to change the border of an element to YIQ 149.3460, 11.5500, 21.9660 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(174, 132, 174) }
```


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

```
.border{ border-color:rgb(174, 132, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 132, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 174);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 149.3460, 11.5500, 21.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 132, 174) }
```

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

```
.background{ background-color: rgb(174,  
132, 174) }
```

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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