

Converting Colors

YIQ(149.3480, 17.2360, 18.0360)

Have a look what the booklet for
YIQ(149.3480, 17.2360, 18.0360)
contains.

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Color

**YIQ(149.3480, 17.2360,
18.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	B185A1
RGB	177, 133, 161
RGB Percent	69%, 52%, 63%
CMY	0.3058, 0.4785, 0.3686
CMYK	0.00, 0.25, 0.09, 0.31
HSL	322°, 22%, 61%
HSV	322°, 25%, 69%
XYZ	32.9576, 28.6944, 37.5252
YIQ	149.3480, 17.2360, 18.0360

Conversions

Conversions Part 2

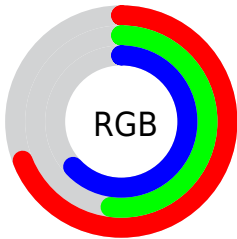
Format	Color
RYB	177, 133, 161
Decimal	11634081
CIELab	60.51, 21.48, -8.31
CIELCh	61, 23.033, 338.859
Yxy	28.6944, 0.3323, 0.2893
Android (android.graphics.Color)	4289824161 (0xFFB185A1)
YUV	149.3480, 5.7444, 24.2508
Hunter-Lab	53.5672, 16.0810, -4.0372

Details

The YIQ color **149.3480, 17.2360, 18.0360** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **160.6520, -17.2360, -18.0360**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.4730, 18.3820, 19.2940**, and **98.2230, 16.0900, 16.7780** is the 20% darker color. If you saturate the color by 10%, you get **138.0980, 24.1120, 25.5840**, and if you desaturate by 10%, it is **160.5980, 10.3600, 10.4880**.

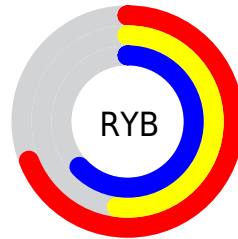
Distribution



Red (69%)

Green (52%)

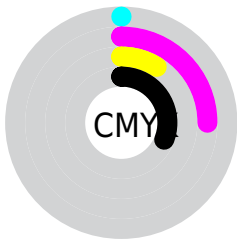
Blue (63%)



Red (69%)

Yellow (52%)

Blue (63%)

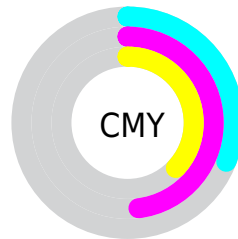


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (31%)



Cyan (31%)


Magenta (48%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.3480, 17.2360, 18.0360 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 149.3480, 17.2360, 18.0360 by changing the saturation by 10% instead.


 149.3480, 17.2360,
18.0360


 149.3480, 17.2360,
18.0360


255.0000, -0.0000,
-0.0000


 123.0490, 16.6400,
17.8240


 203.4730, 18.3820,
19.2940


 98.2230, 16.0900,
16.7780


 229.6790, 14.8060,
18.0220

 73.6250, 14.8980,
16.3540

 247.9560, 3.3000,
6.2760

 50.9130, 14.0270,
15.6190

 28.6140, 13.4310,
15.4070

 11.8480, 12.6520,
13.0040

 0.0000, 0.0000,

0.0000

■ 149.3480, 17.2360,
18.0360

■ 149.3480, 17.2360,
18.0360

■ 138.0980, 24.1120,
25.5840

■ 160.5980, 10.3600,
10.4880

■ 127.3210, 31.0340,
32.2980

■ 171.3750, 3.4380,
3.7740

■ 116.0710, 37.9100,
39.8460

■ 182.6250, -3.4380,
-3.7740

■ 104.7070, 45.1070,
47.0830

■ 193.9890,
-10.6350, -11.0110

■ 93.4570, 51.9830,
54.6310

■ 205.2390,
-17.5110, -18.5590

■ 82.6800, 58.9050,
61.3450

■ 216.0160,
-24.4330, -25.2730

71.4300, 65.7810,
68.8930

226.0920,
-30.7590, -31.7750

65.8050, 69.2190,
72.6670

226.8900,
-33.0060, -29.5980

227.5740,
-34.9320, -27.7320

Harmonies

Analogous

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



148.8280, -1.7910, 15.9450



149.3480, 17.2360, 18.0360



148.8840, 30.1660, 14.9820

Triad

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



149.3480, 17.2360, 18.0360



144.7180, 17.9290, -11.0550



136.7800, -46.5350, -10.1750

Complementary

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



149.3480, 17.2360, 18.0360



160.6520, -17.2360, -18.0360

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.



136.2830, -38.0060, -16.0700



149.3480, 17.2360, 18.0360



141.6880, 0.2780, -16.0580

Square

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



149.3480, 17.2360, 18.0360



146.3330, 29.6190, -2.6450



139.0970, -19.9870, -17.7390



140.5840, -39.7510, -0.9590

Rectangle

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



149.3480, 17.2360, 18.0360



147.8750, 34.3850, 10.1050



139.0970, -19.9870, -17.7390



136.3840, -45.4800, -12.7760

Sweetspot

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



149.3480, 17.2360, 18.0360



219.3370, 6.6010, 7.0250



142.5010, -5.1840, 16.8640



109.2610, 3.7590, 3.4630



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.



149.3480, 17.2360, 18.0360



186.5330, 27.3210, 28.0010



146.9540, 23.9770, 11.5050



83.3750, 3.4380, 3.7740



56.8050, 60.0510, 62.6030



9.5980, 10.3600, 10.4880

Inverse Universe

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



149.3480, 17.2360, 18.0360



186.5330, 27.3210, 28.0010



163.0460, -23.9770, -11.5050



83.3750, 3.4380, 3.7740



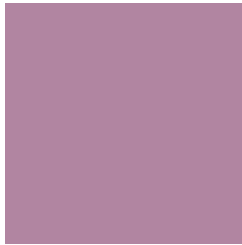
56.8050, 60.0510, 62.6030



9.5980, 10.3600, 10.4880

Previews

White Background



This preview shows how the YIQ color 149.3480, 17.2360, 18.0360 looks on a white background.

Color Contrast Check

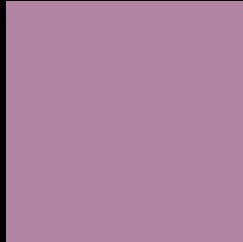
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.3480, 17.2360, 18.0360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

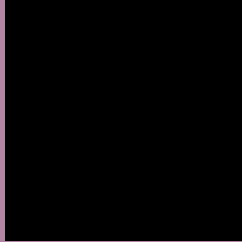
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.3480, 17.2360, 18.0360

Background



This preview shows how black text looks on a background with the YIQ color 149.3480, 17.2360, 18.0360.



This preview shows how white text looks on a background with the YIQ color 149.3480, 17.2360,

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

149.3480, 17.2360, 18.0360

Protanopia

146.8390, -9.4920, 6.8280

Deuteranopia

147.5260, 1.6950, 7.8310



Tritanopia

148.8010, 20.0340, 11.3780

Trichromacy



Original Color

149.3480, 17.2360, 18.0360

Protanomaly

148.0360, 0.3190, 10.7430

Deuteranomaly

148.2710, 6.9670, 11.4070

Tritanomaly

149.0830, 19.3000, 13.6680

Monochromacy



Original Color

149.3480, 17.2360, 18.0360

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.9240, 6.3260, 6.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.3480, 17.2360, 18.0360 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(177, 133, 161)` looks like.

```
.text, #text, p{  
    color:rgb(177, 133, 161)  
}
```

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(177, 133, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 133, 161) }
```

Border

The CSS property to change the border of an element to YIQ 149.3480, 17.2360, 18.0360 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(177, 133, 161) }
```


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

```
.border{ border-color:rgb(177, 133, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 133, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 133, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 133, 161);  
box-shadow:4px 4px 4px 4px rgb(177, 133,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 149.3480, 17.2360, 18.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 133, 161) }
```

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

```
.background{ background-color: rgb(177,  
133, 161) }
```

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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