

Converting Colors

YIQ(173.1400, 5.9580, 13.1740)

Have a look what the booklet for
YIQ(173.1400, 5.9580, 13.1740)
contains.

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Color

**YIQ(173.1400, 5.9580,
13.1740)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA3BD
RGB	187, 163, 189
RGB Percent	73%, 64%, 74%
CMY	0.2666, 0.3608, 0.2588
CMYK	0.01, 0.14, 0.00, 0.26
HSL	295°, 16%, 69%
HSV	295°, 14%, 74%
XYZ	42.7789, 40.4321, 53.6941
YIQ	173.1400, 5.9580, 13.1740

Conversions

Conversions Part 2

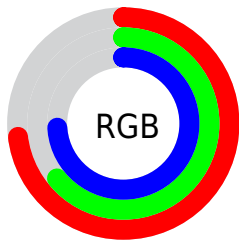
Format	Color
RYB	187, 163, 189
Decimal	12297149
CIELab	69.78, 13.45, -10.12
CIELCh	70, 16.834, 323.046
Yxy	40.4321, 0.3125, 0.2953
Android (android.graphics.Color)	4290487229 (0xFFBBA3BD)
YUV	173.1400, 7.8190, 12.1552
Hunter-Lab	63.5863, 8.8134, -5.5558

Details

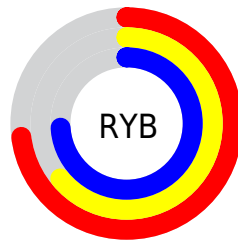
The YIQ color $173.1400, 5.9580, 13.1740$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $178.8600, -5.9580, -13.1740$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $228.5530, 6.2330, 13.6970$, and $120.7270, 5.6830, 12.6510$ is the 20% darker color. If you saturate the color by 10%, you get $161.6880, 10.5870, 22.8990$, and if you desaturate by 10%, it is $184.5920, 1.3290, 3.4490$.

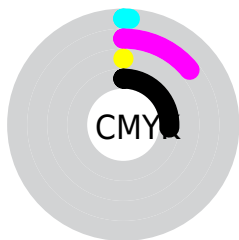
Distribution



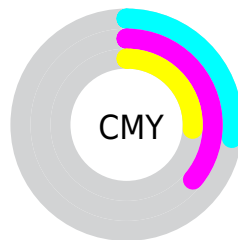
- Red (73%)
- Green (64%)
- Blue (74%)



- Red (73%)
- Yellow (64%)
- Blue (74%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (26%)



- Cyan (27%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.1400, 5.9580, 13.1740 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 173.1400, 5.9580, 13.1740 by changing the saturation by 10% instead.

■ 173.1400, 5.9580,
13.1740

■ 173.1400, 5.9580,
13.1740

255.0000, -0.0000,
-0.0000

■ 146.7270, 5.6830,
12.6510

■ 228.5530, 6.2330,
13.6970

■ 120.7270, 5.6830,
12.6510

■ 249.7170, 2.4750,
4.7070

■ 95.9010, 5.1330,
11.6050

■ 71.9010, 5.1330,
11.6050

■ 49.1890, 4.2620,
10.8700

■ 28.3630, 3.7120,
9.8240

■ 8.0750, 4.5830,

10.5590

■ 0.0000, 0.0000,
0.0000

■ 173.1400, 5.9580,
13.1740

■ 173.1400, 5.9580,
13.1740

■ 161.6880, 10.5870,
22.8990

■ 184.5920, 1.3290,
3.4490

■ 149.9370, 14.6200,
32.4120

■ 196.3430, -2.7040,
-6.0640

■ 138.4850, 19.2490,
42.1370

■ 207.7950, -7.3330,
-15.7890

■ 126.7340, 23.2820,
51.6500

■ 219.5460,
-11.3660, -25.3020

■ 115.2820, 27.9110,
61.3750

■ 229.2370,
-15.1700, -33.4580

■ 104.1180, 31.6690,
70.3650

■ 229.8350,
-13.9780, -33.0340

■ 92.6660, 36.2980,
80.0900

■ 230.1340,
-13.3820, -32.8220

■ 80.9150, 40.3310,
89.6030

■ 230.7320,
-12.1900, -32.3980

■ 73.8710, 43.6310,
95.8790

■ 231.0310,
-11.5940, -32.1860

Harmonies

Analogous

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



171.7190, -9.0340, 9.5420



173.1400, 5.9580, 13.1740



173.3710, 18.4290, 12.9330

Triad

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



173.1400, 5.9580, 13.1740



170.1900, 19.7160, -4.8920



164.6910, -30.1670, -9.4550

Complementary

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



173.1400, 5.9580, 13.1740



178.8600, -5.9580, -13.1740

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.



164.9600, -20.8590, -12.9470



173.1400, 5.9580, 13.1740



168.5690, 8.1630, -10.2770

Square

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



173.1400, 5.9580, 13.1740



171.6410, 25.9960, 2.4440



166.6750, -6.8750, -13.0750



166.0810, -31.0850, -3.8290

Rectangle

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



173.1400, 5.9580, 13.1740



173.3130, 24.3440, 10.3600



166.6750, -6.8750, -13.0750



164.4200, -27.9660, -10.7980

Sweetspot

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



173.1400, 5.9580, 13.1740



238.8310, 2.1540, 5.0180



167.1380, -8.8960, 7.0400



118.4780, 1.6500, 3.1380



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.



173.1400, 5.9580, 13.1740



219.4490, 9.7620, 21.3300



172.4840, 10.6810, 10.1770



88.7170, 2.4750, 4.7070



61.6660, 36.2980, 80.0900



11.9060, 6.7370, 15.5770

Inverse Universe

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



171.0020, 14.8540, 6.1340



215.9000, 24.0690, 9.8370



179.5160, -10.6810, -10.1770



87.8050, 5.0430, 2.2190



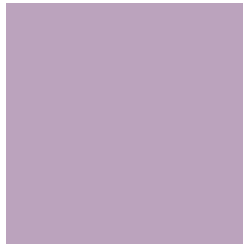
48.6100, 90.3160, 37.2280



9.4970, 17.8340, 7.1940

Previews

White Background



This preview shows how the YIQ color 173.1400, 5.9580, 13.1740 looks on a white background.

Color Contrast Check

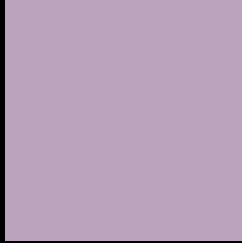
Large Text (above 18pt) WCAG AA × Fail

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 173.1400, 5.9580, 13.1740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

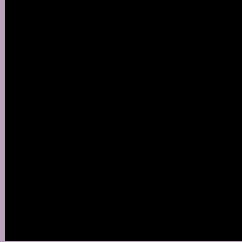
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.1400, 5.9580, 13.1740

Background



This preview shows how black text looks on a background with the YIQ color 173.1400, 5.9580, 13.1740.



This preview shows how white text looks on a background with the YIQ color 173.1400, 5.9580,

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

173.1400, 5.9580, 13.1740

Protanopia

171.1380, -8.8960, 7.0400

Deuteranopia

172.3950, 0.6860, 9.5980



Tritanopia

172.4620, 7.7470, 8.2830

Trichromacy



Original Color

173.1400, 5.9580, 13.1740

Protanomaly

171.9430, -3.8530, 9.2590

Deuteranomaly

172.7050, 2.7490, 10.7570

Tritanomaly

172.6300, 7.3340, 10.2620

Monochromacy



Original Color

173.1400, 5.9580, 13.1740

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.8310, 2.1540, 5.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.1400, 5.9580, 13.1740 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(187, 163, 189)` looks like.

```
.text, #text, p{  
    color:rgb(187, 163, 189)  
}
```

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(187, 163, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 163, 189) }
```

Border

The CSS property to change the border of an element to YIQ 173.1400, 5.9580, 13.1740 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(187, 163, 189) }
```


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

```
.border{ border-color:rgb(187, 163, 189) }
```

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

Here you see how a box with a 4 pixel rgb(187, 163, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 163, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 163, 189);  
box-shadow:4px 4px 4px 4px rgb(187, 163,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 173.1400, 5.9580, 13.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 163, 189) }
```

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

```
.background{ background-color: rgb(187,  
163, 189) }
```

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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