

Converting Colors

YIQ(174.9980, 3.4820, 13.9940)

Have a look what the booklet for
YIQ(174.9980, 3.4820, 13.9940)
contains.

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Color

**YIQ(174.9980, 3.4820,
13.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA5C3
RGB	187, 165, 195
RGB Percent	73%, 65%, 76%
CMY	0.2666, 0.3530, 0.2353
CMYK	0.04, 0.15, 0.00, 0.24
HSL	284°, 20%, 71%
HSV	284°, 15%, 76%
XYZ	43.8015, 41.4141, 57.3135
YIQ	174.9980, 3.4820, 13.9940

Conversions

Conversions Part 2

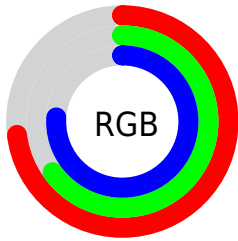
Format	Color
R_{YB}	187, 165, 195
Decimal	12297667
CIE _{Lab}	70.47, 13.51, -12.41
CIE _{LCh}	70, 18.344, 317.445
Yxy	41.4141, 0.3073, 0.2906
Android (android.graphics.Color)	4290487747 (0xFFBBA5C3)
YUV	174.9980, 9.8610, 10.5258
Hunter-Lab	64.3538, 8.8744, -7.7560

Details

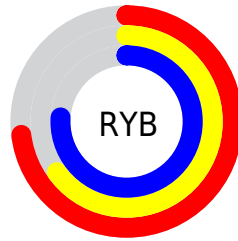
The YIQ color $174.9980, 3.4820, 13.9940$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $185.0020, -3.4820, -13.9940$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.5250, 3.4360, 14.8280$, and $122.4710, 3.5280, 13.1600$ is the 20% darker color. If you saturate the color by 10%, you get $161.7630, 6.0020, 23.3940$, and if you desaturate by 10%, it is $187.6460, 1.2370, 5.1170$.

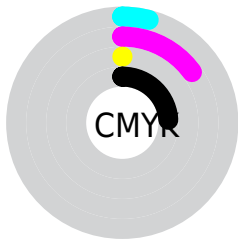
Distribution



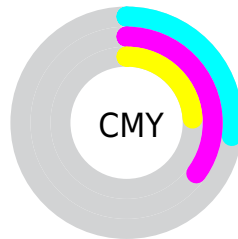
- Red (73%)
- Green (65%)
- Blue (76%)



- Red (73%)
- Yellow (65%)
- Blue (76%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (24%)





- Cyan (27%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.9980, 3.4820, 13.9940 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 174.9980, 3.4820, 13.9940 by changing the saturation by 10% instead.

 174.9980, 3.4820,
13.9940


 174.9980, 3.4820,
13.9940

255.0000, -0.0000,
-0.0000

 148.5850, 3.2070,
13.4710


 230.5250, 3.4360,
14.8280


 122.4710, 3.5280,
13.1600

 251.4780, 1.6500,
3.1380

 97.7590, 2.6570,
12.4250

 73.6450, 2.9780,
12.1140

 50.9330, 2.1070,
11.3790

 29.4060, 2.1530,
10.5450

 8.8300, 3.8950,

12.0150

■ 0.0000, 0.0000,
0.0000

■ 174.9980, 3.4820,
13.9940

■ 174.9980, 3.4820,
13.9940

■ 161.7630, 6.0020,
23.3940

■ 187.6460, 1.2370,
5.1170

■ 149.1150, 8.2470,
32.2710

■ 200.8810, -1.2830,
-4.2830

■ 135.5810, 10.1710,
41.4590

■ 213.8280, -2.9320,
-12.9480

■ 122.9330, 12.4160,
50.3360

■ 227.0630, -5.4520,
-22.3480

■ 109.6980, 14.9360,
59.7360

■ 235.6020, -5.7720,
-27.5640

■ 97.0500, 17.1810,
68.6130

■ 237.0970, -2.7920,
-26.5040

■ 83.8150, 19.7010,
78.0130

■ 238.5920, 0.1880,
-25.4440

■ 71.1670, 21.9460,
86.8900

■ 240.3860, 3.7640,
-24.1720

■ 64.9870, 22.6330,
90.9610

■ 241.8810, 6.7440,
-23.1120

Harmonies

Analogous

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



172.6800, -13.2980, 9.7260



174.9980, 3.4820, 13.9940



175.4250, 18.3370, 14.6010

Triad

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



174.9980, 3.4820, 13.9940



172.5710, 23.0170, -4.1430



165.8540, -32.1840, -11.4480

Complementary

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



174.9980, 3.4820, 13.9940



185.0020, -3.4820, -13.9940

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.



167.2050, -20.1710, -14.4030



174.9980, 3.4820, 13.9940



170.4230, 11.5100, -10.3620

Square

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



174.9980, 3.4820, 13.9940



174.1360, 28.9760, 3.5040



168.7030, -4.0780, -14.2060



166.8740, -34.9360, -5.6240

Rectangle

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



174.9980, 3.4820, 13.9940



175.6660, 24.8480, 12.2400



168.7030, -4.0780, -14.2060



166.0670, -28.4700, -12.6780

Sweetspot

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



174.9980, 3.4820, 13.9940



244.0590, 1.5120, 5.6400



173.1160, -11.8300, 5.1460



122.4070, 0.4120, 3.5480



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



174.9980, 3.4820, 13.9940



221.9970, 5.2230, 20.9910



176.5920, 10.4970, 13.5130



90.2330, 0.9620, 4.5940



53.6360, 18.6470, 75.0870



10.9380, 3.7110, 15.3510

Inverse Universe

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



174.8820, 15.3120, 8.8480



221.8230, 22.9680, 13.2720



183.4080, -10.4970, -13.5130



90.3320, 4.9970, 3.0530



53.0410, 82.1530, 47.5050



10.8930, 16.7790, 9.7950

Previews

White Background



This preview shows how the YIQ color 174.9980, 3.4820, 13.9940 looks on a white background.

Color Contrast Check

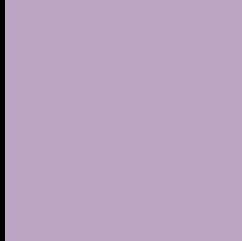
Large Text (above 18pt) WCAG AA × Fail

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 174.9980, 3.4820, 13.9940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

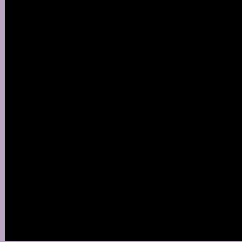
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.9980, 3.4820, 13.9940

Background



This preview shows how black text looks on a background with the YIQ color 174.9980, 3.4820, 13.9940.



This preview shows how white text looks on a background with the YIQ color 174.9980, 3.4820,

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

174.9980, 3.4820, 13.9940

Protanopia

172.9960, -11.3720, 7.8600

Deuteranopia

174.2530, -1.7900, 10.4180



Tritanopia

173.9780, 6.2340, 8.1700

Trichromacy



Original Color

174.9980, 3.4820, 13.9940

Protanomaly

173.8010, -6.3290, 10.0790

Deuteranomaly

174.5630, 0.2730, 11.5770

Tritanomaly

174.2600, 5.5000, 10.4600

Monochromacy



Original Color

174.9980, 3.4820, 13.9940

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.6460, 1.2370, 5.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.9980, 3.4820, 13.9940 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, 165, 195)` looks like.

```
.text, #text, p{  
    color:rgb(187, 165, 195)  
}
```

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, 165, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 165, 195) }
```

Border

The CSS property to change the border of an element to YIQ 174.9980, 3.4820, 13.9940 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, 165, 195) }
```


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

```
.border{ border-color:rgb(187, 165, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 165, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 165, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 165, 195);  
box-shadow:4px 4px 4px 4px rgb(187, 165,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 174.9980, 3.4820, 13.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 165, 195) }
```

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

```
.background{ background-color: rgb(187,  
165, 195) }
```

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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