

Converting Colors

YIQ(174.6180, 7.6080, 16.3120)

Have a look what the booklet for
YIQ(174.6180, 7.6080, 16.3120)
contains.

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Color

**YIQ(174.6180, 7.6080,
16.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A2C2
RGB	192, 162, 194
RGB Percent	75%, 64%, 76%
CMY	0.2470, 0.3647, 0.2392
CMYK	0.01, 0.17, 0.00, 0.24
HSL	296°, 21%, 70%
HSV	296°, 17%, 76%
XYZ	44.4000, 40.9409, 56.6020
YIQ	174.6180, 7.6080, 16.3120

Conversions

Conversions Part 2

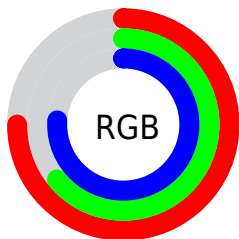
Format	Color
R _Y B	192, 162, 194
Decimal	12624578
CIE Lab	70.13, 16.69, -12.31
CIE LCh	70, 20.735, 323.598
Yxy	40.9409, 0.3128, 0.2884
Android (android.graphics.Color)	4290814658 (0xFFC0A2C2)
YUV	174.6180, 9.5553, 15.2440
Hunter-Lab	63.9850, 11.8895, -7.6592

Details

The YIQ color $174.6180, 7.6080, 16.3120$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $181.3820, -7.6080, -16.3120$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.4440, 8.1580, 17.3580$, and $121.7920, 7.0580, 15.2660$ is the 20% darker color. If you saturate the color by 10%, you get $163.1660, 12.2370, 26.0370$, and if you desaturate by 10%, it is $186.0700, 2.9790, 6.5870$.

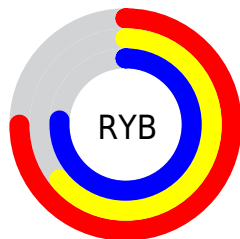
Distribution



Red (75%)

Green (64%)

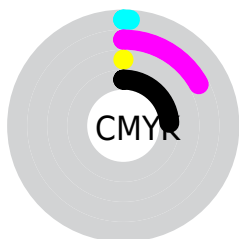
Blue (76%)



Red (75%)

Yellow (64%)

Blue (76%)

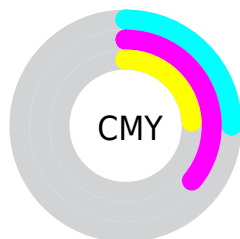


Cyan (1%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.6180, 7.6080, 16.3120 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 174.6180, 7.6080, 16.3120 by changing the saturation by 10% instead.

■ 174.6180, 7.6080,
16.3120

■ 174.6180, 7.6080,
16.3120

255.0000, -0.0000,
-0.0000

■ 148.2050, 7.3330,
15.7890

■ 230.4440, 8.1580,
17.3580

■ 121.7920, 7.0580,
15.2660

■ 249.1300, 2.7500,
5.2300

■ 97.3790, 6.7830,
14.7430

■ 72.9660, 6.5080,
14.2200

■ 50.2540, 5.6370,
13.4850

■ 28.8410, 5.3620,
12.9620

■ 10.0260, 6.2790,

12.8630

■ 0.0000, 0.0000,
0.0000

■ 174.6180, 7.6080,
16.3120

■ 174.6180, 7.6080,
16.3120

■ 163.1660, 12.2370,
26.0370

■ 186.0700, 2.9790,
6.5870

■ 151.1270, 17.1410,
36.2850

■ 198.1090, -1.9250,
-3.6610

■ 139.3760, 21.1740,
45.7980

■ 209.8600, -5.9580,
-13.1740

■ 127.3370, 26.0780,
56.0460

■ 221.8990,
-10.8620, -23.4220

■ 115.8850, 30.7070,
65.7710

■ 231.0030,
-14.3910, -31.0550

■ 104.4330, 35.3360,
75.4960

■ 231.3020,
-13.7950, -30.8430

■ 92.3940, 40.2400,
85.7440

■ 231.6010,
-13.1990, -30.6310

■ 80.6430, 44.2730,
95.2570

■ 232.1990,
-12.0070, -30.2070

■ 76.5340, 46.1980,
98.9180

■ 232.4980,
-11.4110, -29.9950

Harmonies

Analogous

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



172.6310, -11.6020, 12.0300



174.6180, 7.6080, 16.3120



174.7030, 23.4260, 15.9860

Triad

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



174.6180, 7.6080, 16.3120



171.2890, 23.7510, -6.4330



163.9180, -38.2360, -11.9000

Complementary

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



174.6180, 7.6080, 16.3120



181.3820, -7.6080, -16.3120

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.



164.4430, -26.7730, -15.9010



174.6180, 7.6080, 16.3120



169.1730, 9.2180, -12.8780

Square

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



174.6180, 7.6080, 16.3120



172.8650, 31.1770, 2.1610



166.8980, -9.1210, -16.4250



165.3620, -39.2460, -4.6060

Rectangle

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



174.6180, 7.6080, 16.3120



174.1180, 29.3870, 12.5790



166.8980, -9.1210, -16.4250



163.5330, -35.7140, -13.5540

Sweetspot

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



174.6180, 7.6080, 16.3120



244.9560, 3.3000, 6.2760



166.8220, -10.8220, 8.9060



123.0050, 1.6040, 3.9720



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.



174.6180, 7.6080, 16.3120



221.7530, 11.9620, 25.5140



173.6200, 13.2940, 12.3820



90.8310, 2.1540, 5.0180



63.5030, 38.3150, 82.0830



13.0310, 7.8830, 16.8350

Inverse Universe

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



171.7960, 18.4300, 7.4060



217.2920, 28.8370, 11.5330



182.3800, -13.2940, -12.3820



90.1040, 5.6390, 2.4310



49.2790, 92.7460, 37.2420



10.0950, 19.0260, 7.6180

Previews

White Background



This preview shows how the YIQ color 174.6180, 7.6080, 16.3120 looks on a white background.

Color Contrast Check

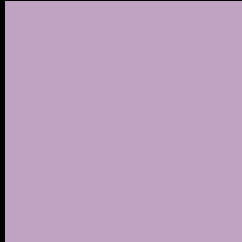
Large Text (above 18pt) WCAG AA × Fail

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 174.6180, 7.6080, 16.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

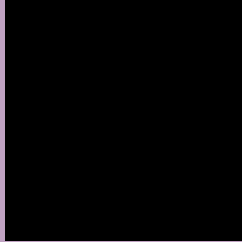
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.6180, 7.6080, 16.3120

Background



This preview shows how black text looks on a background with the YIQ color 174.6180, 7.6080, 16.3120.



This preview shows how white text looks on a background with the YIQ color 174.6180, 7.6080,

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

174.6180, 7.6080, 16.3120

Protanopia

172.1100, -11.6930, 8.1710

Deuteranopia

173.2530, -1.7900, 10.4180



Tritanopia

173.9570, 10.7270, 9.3430

Trichromacy



Original Color

174.6180, 7.6080, 16.3120

Protanomaly

172.8120, -4.8620, 11.0260

Deuteranomaly

173.5740, 1.7400, 12.5240

Tritanomaly

174.3530, 9.6720, 11.9440

Monochromacy



Original Color

174.6180, 7.6080, 16.3120

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.6570, 2.7040, 6.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.6180, 7.6080, 16.3120 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(192, 162, 194)` looks like.

```
.text, #text, p{  
    color:rgb(192, 162, 194)  
}
```

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(192, 162, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 162, 194) }
```

Border

The CSS property to change the border of an element to YIQ 174.6180, 7.6080, 16.3120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

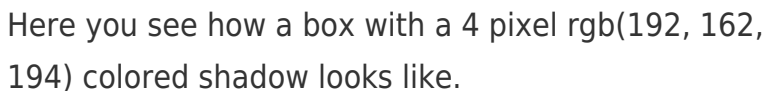
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 162, 194) }
```


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

```
.border{ border-color:rgb(192, 162, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 162, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 162, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 162, 194); box-shadow:4px 4px 4px 4px rgb(192, 162, 194) }
```

Background

The CSS property to change the background color of an element to YIQ 174.6180, 7.6080, 16.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 162, 194) }
```

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

```
.background{ background-color: rgb(192,  
162, 194) }
```

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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