

Converting Colors

YIQ(180.7650, 2.5200, 9.4000)

Have a look what the booklet for
YIQ(180.7650, 2.5200, 9.4000)
contains.

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Color

**YIQ(180.7650, 2.5200,
9.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAEC2
RGB	189, 174, 194
RGB Percent	74%, 68%, 76%
CMY	0.2588, 0.3177, 0.2392
CMYK	0.03, 0.10, 0.00, 0.24
HSL	285°, 14%, 72%
HSV	285°, 10%, 76%
XYZ	45.8616, 44.9851, 57.3039
YIQ	180.7650, 2.5200, 9.4000

Conversions

Conversions Part 2

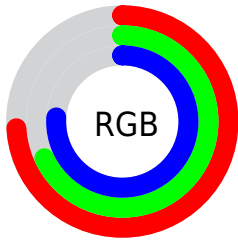
Format	Color
RYB	189, 174, 194
Decimal	12431042
CIELab	72.88, 9.06, -8.23
CIELCh	73, 12.238, 317.739
Yxy	44.9851, 0.3096, 0.3036
Android (android.graphics.Color)	4290621122 (0xFFBDAEC2)
YUV	180.7650, 6.5249, 7.2221
Hunter-Lab	67.0709, 4.6803, -3.7065

Details

The YIQ color $180.7650, 2.5200, 9.4000$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $187.2350, -2.5200, -9.4000$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.1780, 2.7950, 9.9230$, and $128.2380, 2.5660, 8.5660$ is the 20% darker color. If you saturate the color by 10%, you get $168.1170, 4.7650, 18.2770$, and if you desaturate by 10%, it is $193.4130, 0.2750, 0.5230$.

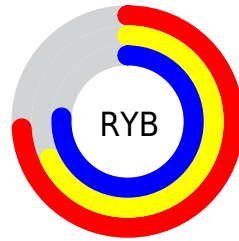
Distribution



Red (74%)

Green (68%)

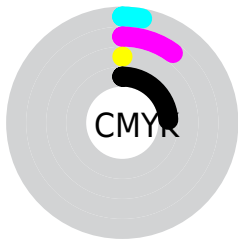
Blue (76%)



Red (74%)

Yellow (68%)

Blue (76%)

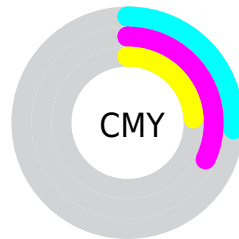


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.7650, 2.5200, 9.4000 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 180.7650, 2.5200, 9.4000 by changing the saturation by 10% instead.

■ 180.7650, 2.5200,
9.4000

■ 180.7650, 2.5200,
9.4000

255.0000, -0.0000,
-0.0000

■ 153.7650, 2.5200,
9.4000

■ 236.1780, 2.7950,
9.9230

■ 128.2380, 2.5660,
8.5660

■ 102.9390, 1.9700,
8.3540

■ 78.8250, 2.2910,
8.0430

■ 55.8250, 2.2910,
8.0430

■ 34.4120, 2.0160,
7.5200

■ 11.3630, 3.7120,

9.8240

0.0000, 0.0000,
0.0000

180.7650, 2.5200,
9.4000

180.7650, 2.5200,
9.4000

168.1170, 4.7650,
18.2770

193.4130, 0.2750,
0.5230

154.8820, 7.2850,
27.6770

206.6480, -2.2450,
-8.8770

142.5330, 10.1260,
36.7660

219.2960, -4.4900,
-17.7540

129.2980, 12.6460,
46.1660

232.2320, -7.6060,
-27.3660

116.6500, 14.8910,
55.0430

235.4880, -5.4510,
-27.8750

104.0020, 17.1360,
63.9200

236.9830, -2.4710,
-26.8150

90.7670, 19.6560,
73.3200

238.4780, 0.5090,
-25.7550

78.1190, 21.9010,
82.1970

239.9730, 3.4890,
-24.6950

65.7700, 24.7420,
91.2860

241.4680, 6.4690,
-23.6350

Harmonies

Analogous

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



179.6110, -8.8500, 6.2060



180.7650, 2.5200, 9.4000



181.4410, 12.2400, 9.4560

Triad

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



180.7650, 2.5200, 9.4000



179.5040, 15.9560, -2.8280



174.8340, -20.2640, -7.2080

Complementary

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



180.7650, 2.5200, 9.4000



187.2350, -2.5200, -9.4000

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.



175.3740, -13.1570, -9.3570



180.7650, 2.5200, 9.4000



177.7910, 7.6580, -6.6300

Square

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



180.7650, 2.5200, 9.4000



180.2320, 19.8980, 2.8260



176.3490, -2.8410, -9.0890



175.9850, -22.0070, -3.1510

Rectangle

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



180.7650, 2.5200, 9.4000



180.8390, 16.8710, 8.1270



176.3490, -2.8410, -9.0890



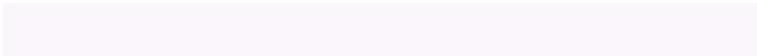
175.2640, -18.6590, -8.7630

Sweetspot

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



180.7650, 2.5200, 9.4000



247.5920, 1.3290, 3.4490



179.2150, -7.7950, 3.6050



123.8800, 0.4580, 2.7140



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.



180.7650, 2.5200, 9.4000



232.2970, 4.0780, 14.2060



181.6900, 7.1050, 8.9050



90.2330, 0.9620, 4.5940



54.5330, 20.4350, 75.7230



11.2370, 4.3070, 15.5630

Inverse Universe

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



180.5500, 10.3150, 5.7950



231.8820, 15.3120, 8.8480



186.3100, -7.1050, -8.9050



90.3320, 4.9970, 3.0530



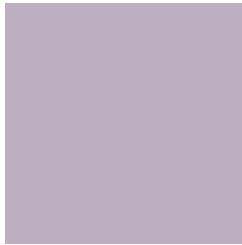
52.6990, 83.1160, 46.5720



10.7790, 17.1000, 9.4840

Previews

White Background



This preview shows how the YIQ color 180.7650, 2.5200, 9.4000 looks on a white background.

Color Contrast Check

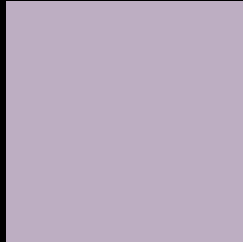
Large Text (above 18pt) WCAG AA × Fail

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 180.7650, 2.5200, 9.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

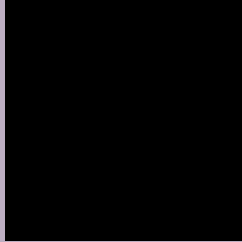
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.7650, 2.5200, 9.4000

Background



This preview shows how black text looks on a background with the YIQ color 180.7650, 2.5200, 9.4000.



This preview shows how white text looks on a background with the YIQ color 180.7650, 2.5200,

9.4000.

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

180.7650, 2.5200, 9.4000

Protanopia

179.7530, -6.3740, 5.3860

Deuteranopia

180.7650, 2.5200, 9.4000



Tritanopia

180.4830, 3.2540, 7.1100

Trichromacy



Original Color

180.7650, 2.5200, 9.4000

Protanomaly

180.2480, -3.3940, 6.4460

Deuteranomaly

180.7650, 2.5200, 9.4000

Tritanomaly

180.7110, 2.6120, 7.7320

Monochromacy



Original Color

180.7650, 2.5200, 9.4000

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.7060, 1.0080, 3.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.7650, 2.5200, 9.4000 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(189, 174, 194)` looks like.

```
.text, #text, p{  
    color:rgb(189, 174, 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(189, 174, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 174, 194) }
```

Border

The CSS property to change the border of an element to YIQ 180.7650, 2.5200, 9.4000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

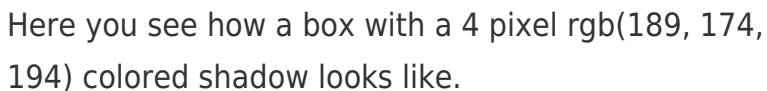
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 174, 194) }
```


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

```
.border{ border-color:rgb(189, 174, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 174, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 174, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 174, 194); box-shadow:4px 4px 4px 4px rgb(189, 174, 194) }
```

Background

The CSS property to change the background color of an element to YIQ 180.7650, 2.5200, 9.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 174, 194) }
```

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

```
.background{ background-color: rgb(189,  
174, 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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