

Converting Colors

YIQ(178.7600, 0.9160, 5.4280)

Have a look what the booklet for
YIQ(178.7600, 0.9160, 5.4280)
contains.

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Color

**YIQ(178.7600, 0.9160,
5.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AFBB
RGB	183, 175, 187
RGB Percent	72%, 69%, 73%
CMY	0.2823, 0.3137, 0.2667
CMYK	0.02, 0.06, 0.00, 0.27
HSL	280°, 8%, 71%
HSV	280°, 6%, 73%
XYZ	43.8289, 44.3146, 53.2564
YIQ	178.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

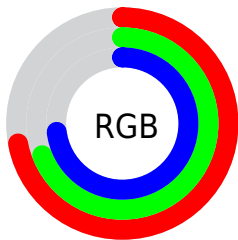
Format	Color
R_{YB}	183, 175, 187
Decimal	12038075
CIE Lab	72.44, 5.09, -5.10
CIE LCh	72, 7.204, 314.933
Yxy	44.3146, 0.3100, 0.3134
Android (android.graphics.Color)	4290228155 (0xFFB7AFBB)
YUV	178.7600, 4.0623, 3.7185
Hunter-Lab	66.5692, 1.0276, -0.8346

Details

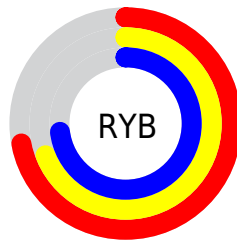
The YIQ color $178.7600, 0.9160, 5.4280$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $183.2400, -0.9160, -5.4280$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.7600, 0.9160, 5.4280$, and $126.3470, 0.6410, 4.9050$ is the 20% darker color. If you saturate the color by 10%, you get $165.8130, 2.5650, 14.0930$, and if you desaturate by 10%, it is $191.7070, -0.7330, -3.2370$.

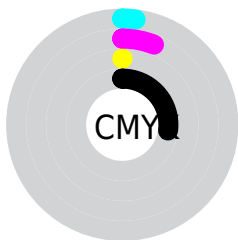
Distribution



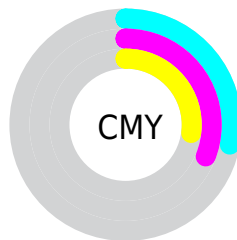
- Red (72%)
- Green (69%)
- Blue (73%)



- Red (72%)
- Yellow (69%)
- Blue (73%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (28%)
- Magenta (31%)
- Yellow (27%)
- Black (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.7600, 0.9160, 5.4280 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 178.7600, 0.9160, 5.4280 by changing the saturation by 10% instead.

■ 178.7600, 0.9160,
5.4280

■ 178.7600, 0.9160,
5.4280

255.0000, -0.0000,
-0.0000

■ 151.7600, 0.9160,
5.4280

■ 234.7600, 0.9160,
5.4280

■ 126.3470, 0.6410,
4.9050

■ 101.3470, 0.6410,
4.9050

■ 77.2330, 0.9620,
4.5940

■ 54.2330, 0.9620,
4.5940

■ 32.8200, 0.6870,
4.0710

■ 9.5860, 1.4660,

6.4740

0.0000, 0.0000,
0.0000

178.7600, 0.9160,
5.4280

178.7600, 0.9160,
5.4280

165.8130, 2.5650,
14.0930

191.7070, -0.7330,
-3.2370

153.4530, 3.9390,
22.2350

204.0670, -2.1070,
-11.3790

140.2070, 4.9920,
30.6880

217.3130, -3.1600,
-19.8320

127.2600, 6.6410,
39.3530

230.2600, -4.8090,
-28.4970

114.9000, 8.0150,
47.4950

234.9890, -2.6080,
-29.8400

■ 101.9530, 9.6640,
56.1600

■ 236.7830, 0.9680,
-28.5680

■ 88.7070, 10.7170,
64.6130

■ 238.8760, 5.1400,
-27.0840

■ 75.7600, 12.3660,
73.2780

■ 240.6700, 8.7160,
-25.8120

■ 63.4000, 13.7400,
81.4200

■ 242.4640, 12.2920,
-24.5400

Harmonies

Analogous

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



177.8840, -5.3650, 3.6190



178.7600, 0.9160, 5.4280



179.2830, 6.6930, 5.3570

Triad

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



178.7600, 0.9160, 5.4280



178.0350, 10.0870, -1.0890



175.9060, -11.5990, -4.5510

Complementary

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



178.7600, 0.9160, 5.4280



183.2400, -0.9160, -5.4280

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.



175.4180, -7.2890, -5.5690



178.7600, 0.9160, 5.4280



177.1160, 5.3650, -3.6190

Square

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



178.7600, 0.9160, 5.4280



178.5130, 11.7370, 2.0490



176.2400, -0.9160, -5.4280



176.3020, -12.6540, -1.9500

Rectangle

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



178.7600, 0.9160, 5.4280



179.1370, 10.0400, 5.2720



176.2400, -0.9160, -5.4280



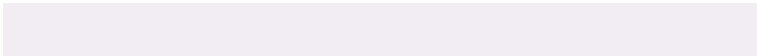
175.9770, -10.3610, -4.9610

Sweetspot

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



178.7600, 0.9160, 5.4280



238.7660, 0.7790, 2.4030



178.7160, -4.9520, 1.6400



120.8260, 0.5500, 1.0460



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.



178.7600, 0.9160, 5.4280



229.0530, 1.6490, 8.6650



179.7280, 3.9420, 5.6540



87.8200, 0.6870, 4.0710



49.7060, 12.4580, 71.6100



9.5140, 1.9690, 13.8810

Inverse Universe

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



179.0440, 5.8680, 3.7880



229.3650, 9.3980, 5.8940



182.2720, -3.9420, -5.6540



88.0330, 4.4010, 2.8410



53.2840, 77.1550, 49.9790



10.4090, 15.2660, 9.6820

Previews

White Background



This preview shows how the YIQ color 178.7600, 0.9160, 5.4280 looks on a white background.

Color Contrast Check

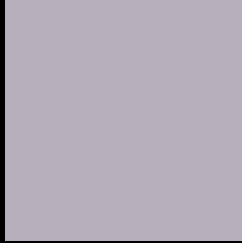
Large Text (above 18pt) WCAG AA × Fail

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 178.7600, 0.9160, 5.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

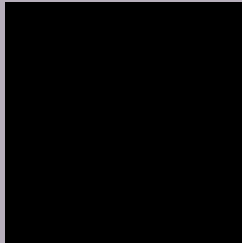
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.7600, 0.9160, 5.4280

Background



This preview shows how black text looks on a background with the YIQ color 178.7600, 0.9160, 5.4280.

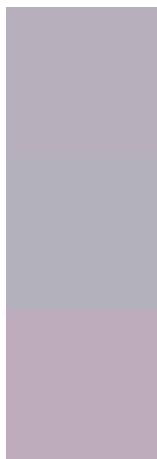


This preview shows how white text looks on a background with the YIQ color 178.7600, 0.9160,

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

178.7600, 0.9160, 5.4280

Protanopia

178.5530, -2.9350, 3.6330

Deuteranopia

179.2060, 5.5920, 8.7920



Tritanopia

178.9880, 0.2740, 6.0500

Trichromacy



Original Color

178.7600, 0.9160, 5.4280

Protanomaly

178.5640, -1.4680, 4.5800

Deuteranomaly

178.8960, 3.5290, 7.6330

Tritanomaly

178.8740, 0.5950, 5.7390

Monochromacy



Original Color

178.7600, 0.9160, 5.4280

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.7600, 0.9160, 5.4280 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(183, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(183, 175, 187)  
}
```

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(183, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 175, 187) }
```

Border

The CSS property to change the border of an element to YIQ 178.7600, 0.9160, 5.4280 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(183, 175, 187) }
```


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

```
.border{ border-color:rgb(183, 175, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(183, 175,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 178.7600, 0.9160, 5.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 175, 187) }
```

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

```
.background{ background-color: rgb(183,  
175, 187) }
```

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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