

Converting Colors

YIQ(180.9760, 0.5480, 12.1000)

Have a look what the booklet for
YIQ(180.9760, 0.5480, 12.1000)
contains.

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Color

**YIQ(180.9760, 0.5480,
12.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	BDADC9
RGB	189, 173, 201
RGB Percent	74%, 68%, 79%
CMY	0.2588, 0.3216, 0.2118
CMYK	0.06, 0.14, 0.00, 0.21
HSL	274°, 21%, 73%
HSV	274°, 14%, 79%
XYZ	46.4741, 44.9220, 61.4766
YIQ	180.9760, 0.5480, 12.1000

Conversions

Conversions Part 2

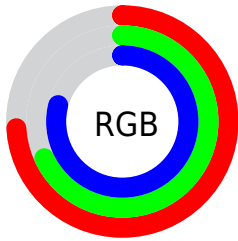
Format	Color
RYB	189, 173, 201
Decimal	12430793
CIELab	72.84, 10.97, -12.13
CIELCh	73, 16.357, 312.137
Yxy	44.9220, 0.3040, 0.2939
Android (android.graphics.Color)	4290620873 (0xFFBDADC9)
YUV	180.9760, 9.8718, 7.0370
Hunter-Lab	67.0239, 6.4794, -7.4661

Details

The YIQ color $180.9760, 0.5480, 12.1000$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $193.0240, -0.5480, -12.1000$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.1610, 1.4650, 12.0010$, and $128.4490, 0.5940, 11.2660$ is the 20% darker color. If you saturate the color by 10%, you get $166.5450, 0.6840, 20.6520$, and if you desaturate by 10%, it is $195.4070, 0.4120, 3.5480$.

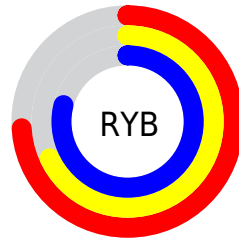
Distribution



Red (74%)

Green (68%)

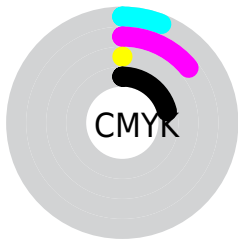
Blue (79%)



Red (74%)

Yellow (68%)

Blue (79%)

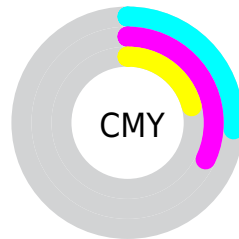


Cyan (6%)

Magenta (14%)

Yellow (0%)

Black (21%)



Cyan (26%)

Magenta (32%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.9760, 0.5480, 12.1000 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 180.9760, 0.5480, 12.1000 by changing the saturation by 10% instead.

■ 180.9760, 0.5480,
12.1000

■ 180.9760, 0.5480,
12.1000

255.0000, -0.0000,
-0.0000

■ 153.9760, 0.5480,
12.1000

■ 236.1610, 1.4650,
12.0010

■ 128.4490, 0.5940,
11.2660

■ 103.0360, 0.3190,
10.7430

■ 78.9220, 0.6400,
10.4320

■ 56.2100, -0.2310,
9.6970

■ 34.0960, 0.0900,
9.3860

■ 11.3460, 2.3820,

11.9020

■ 0.0000, 0.0000,
0.0000

■ 180.9760, 0.5480,
12.1000

■ 180.9760, 0.5480,
12.1000

■ 166.5450, 0.6840,
20.6520

■ 195.4070, 0.4120,
3.5480

■ 152.4130, 1.4160,
29.4160

■ 209.5390, -0.3200,
-5.2160

■ 137.9820, 1.5520,
37.9680

■ 223.9700, -0.4560,
-13.7680

■ 123.8500, 2.2840,
46.7320

■ 238.1020, -1.1880,
-22.5320

■ 108.8320, 2.6950,
55.8070

■ 241.9670, 3.6260,
-21.6700

■ 94.4010, 2.8310,
64.3590

■ 244.6580, 8.9900,
-19.7620

■ 80.2690, 3.5630,
73.1230

■ 247.0500, 13.7580,
-18.0660

■ 65.8380, 3.6990,
81.6750

■ 248.8440, 17.3340,
-16.7940

■ 57.2990, 4.0190,
86.8910

Harmonies

Analogous

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



179.0280, -14.3980, 7.6340



180.9760, 0.5480, 12.1000



181.3320, 14.1650, 13.1170

Triad

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



180.9760, 0.5480, 12.1000



179.4400, 22.0080, -2.3760



173.4910, -26.7280, -11.2080

Complementary

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



180.9760, 0.5480, 12.1000



193.0240, -0.5480, -12.1000

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.



174.1840, -15.6780, -13.2300



180.9760, 0.5480, 12.1000



177.7760, 12.0140, -8.4820

Square

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



180.9760, 0.5480, 12.1000



180.6950, 25.9040, 4.1120



175.7250, -1.1440, -12.3120



173.9130, -30.6720, -5.8080

Rectangle

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



180.9760, 0.5480, 12.1000



181.3990, 21.2260, 11.8020



175.7250, -1.1440, -12.3120



173.5190, -23.9310, -12.3390

Sweetspot

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



180.9760, 0.5480, 12.1000



247.9340, 0.3660, 4.3820



183.2360, -12.2880, 2.4320



122.9940, 0.1370, 3.0250



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.



180.9760, 0.5480, 12.1000



224.0780, 0.5010, 18.4610



184.3360, 8.3420, 14.0220



92.5210, 0.0910, 3.8590



46.3890, 3.1050, 70.4090



10.0840, 0.3640, 15.4360

Inverse Universe

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



182.7400, 12.8360, 9.6680



226.9090, 19.8500, 14.7140



189.6640, -8.3420, -14.0220



93.1470, 4.0800, 3.1520



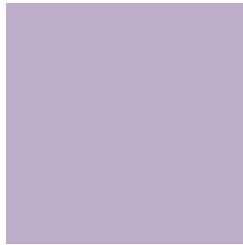
56.7170, 74.6780, 56.3260



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 180.9760, 0.5480, 12.1000 looks on a white background.

Color Contrast Check

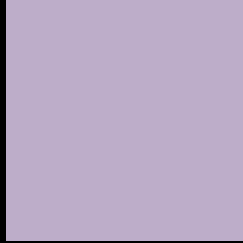
Large Text (above 18pt) WCAG AA × Fail

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 180.9760, 0.5480, 12.1000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

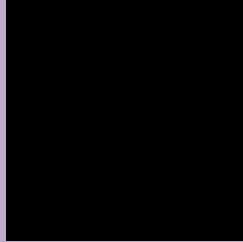
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.9760, 0.5480, 12.1000

Background



This preview shows how black text looks on a background with the YIQ color 180.9760, 0.5480, 12.1000.



This preview shows how white text looks on a background with the YIQ color 180.9760, 0.5480,

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

180.9760, 0.5480, 12.1000

Protanopia

179.1810, -10.4550, 7.7610

Deuteranopia

180.6660, -1.5150, 10.9410



Tritanopia

180.1840, 2.6580, 6.8980

Trichromacy



Original Color

180.9760, 0.5480, 12.1000

Protanomaly

179.9750, -6.8790, 9.0330

Deuteranomaly

180.9650, -0.9190, 11.1530

Tritanomaly

180.3520, 2.2450, 8.8770

Monochromacy



Original Color

180.9760, 0.5480, 12.1000

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.9340, 0.3660, 4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.9760, 0.5480, 12.1000 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, 173, 201)` looks like.

```
.text, #text, p{  
    color:rgb(189, 173, 201)  
}
```

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, 173, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 173, 201) }
```

Border

The CSS property to change the border of an element to YIQ 180.9760, 0.5480, 12.1000 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, 173, 201) }
```


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

```
.border{ border-color:rgb(189, 173, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 173, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 173, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 173, 201);  
box-shadow:4px 4px 4px 4px rgb(189, 173,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 180.9760, 0.5480, 12.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 173, 201) }
```

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

```
.background{ background-color: rgb(189,  
173, 201) }
```

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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