

Converting Colors

YIQ(186.2880, -8.8980, 18.0940)

Have a look what the booklet for
YIQ(186.2880, -8.8980, 18.0940)
contains.

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Color

**YIQ(186.2880, -8.8980,
18.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB1E3
RGB	189, 177, 227
RGB Percent	74%, 69%, 89%
CMY	0.2588, 0.3059, 0.1099
CMYK	0.17, 0.22, 0.00, 0.11
HSL	254°, 47%, 79%
HSV	254°, 22%, 89%
XYZ	50.5737, 47.8081, 79.2217
YIQ	186.2880, -8.8980, 18.0940

Conversions

Conversions Part 2

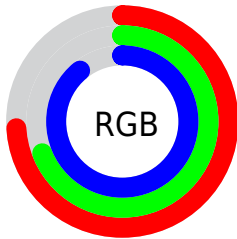
Format	Color
R_{YB}	189, 177, 227
Decimal	12431843
CIE _{Lab}	74.70, 14.20, -23.50
CIE _{LCh}	75, 27.456, 301.147
Yxy	47.8081, 0.2848, 0.2692
Android (android.graphics.Color)	4290621923 (0xFFBDB1E3)
YUV	186.2880, 20.0710, 2.3784
Hunter-Lab	69.1434, 9.5597, -19.5317

Details

The YIQ color $186.2880, -8.8980, 18.0940$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $217.7120, 8.8980, -18.0940$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.3950, 0.6860, 9.5980$, and $132.6470, -8.5310, 16.9490$ is the 20% darker color. If you saturate the color by 10%, you get $167.7040, -12.7050, 26.5190$, and if you desaturate by 10%, it is $204.8720, -5.0910, 9.6690$.

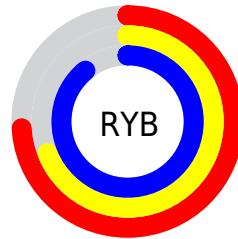
Distribution



Red (74%)

Green (69%)

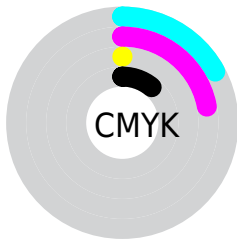
Blue (89%)



Red (74%)

Yellow (69%)

Blue (89%)

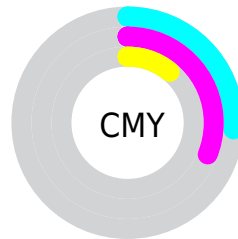


Cyan (17%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (26%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.2880, -8.8980, 18.0940 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 186.2880, -8.8980, 18.0940 by changing the saturation by 10% instead.

■ 186.2880, -8.8980,
18.0940

■ 186.2880, -8.8980,
18.0940

255.0000, -0.0000,
-0.0000

■ 159.1740, -8.5770,
17.7830

■ 239.3950, 0.6860,
9.5980

■ 132.6470, -8.5310,
16.9490

■ 107.2340, -8.8060,
16.4260

■ 83.2940, -9.0350,
15.0690

■ 59.7670, -8.9890,
14.2350

■ 37.8270, -9.2180,
12.8780

■ 15.5390, -8.3470,

13.6130

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 186.2880, -8.8980,
18.0940

■ 186.2880, -8.8980,
18.0940

■ 167.7040,
-12.7050, 26.5190

■ 204.8720, -5.0910,
9.6690

■ 149.7070,
-16.7870, 34.4210

■ 222.8690, -1.0090,
1.7670

■ 130.8240,
-21.1900, 42.6340

■ 241.7520, 3.3940,
-6.4460

■ 112.2400,
-24.9970, 51.0590

■ 251.8080, 8.9880,
-8.7080

■ 94.2430, -29.0790,
58.9610

■ 75.6590, -32.8860,
67.3860

■ 56.7760, -37.2890,
75.5990

■ 42.3230, -40.0870,
82.2570

Harmonies

Analogous

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



181.9040, -34.4800, 8.1440



186.2880, -8.8980, 18.0940



187.9120, 15.7680, 22.6160

Triad

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



186.2880, -8.8980, 18.0940



184.7750, 40.1180, -0.1860



173.0820, -41.9940, -20.8900

Complementary

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



186.2880, -8.8980, 18.0940



217.7120, 8.8980, -18.0940

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.



176.5330, -18.5190, -22.3190



186.2880, -8.8980, 18.0940



182.0950, 27.0530, -11.2110

Square

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



186.2880, -8.8980, 18.0940



186.1210, 42.5000, 11.7160



179.5160, 6.5140, -18.9420



171.7570, -56.8960, -15.1360

Rectangle

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



186.2880, -8.8980, 18.0940



187.8010, 29.2020, 21.4420



179.5160, 6.5140, -18.9420



174.1490, -34.9330, -22.2050

Sweetspot

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



186.2880, -8.8980, 18.0940



240.2480, -3.3940, 6.4460



205.0060, -26.5000, -4.3240



119.1510, -1.7430, 4.0570



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.



186.2880, -8.8980, 18.0940



201.3080, -11.6500, 23.9180



193.7630, 6.0020, 23.3940



105.2650, -2.0640, 4.3680



33.2630, -31.8310, 64.7850



9.4020, -9.2190, 18.4050

Inverse Universe

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



196.2820, 17.6020, 22.4180



214.4340, 23.2860, 29.5420



210.2370, -6.0020, -23.3940



107.6140, 4.2630, 5.3430



69.0250, 63.0280, 80.2440



19.6950, 17.8770, 22.9410

Previews

White Background



This preview shows how the YIQ color 186.2880, -8.8980, 18.0940 looks on a white background.

Color Contrast Check

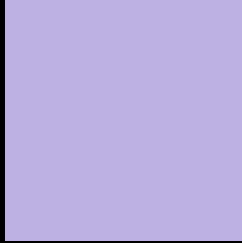
Large Text (above 18pt) WCAG AA × Fail

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 186.2880, -8.8980, 18.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

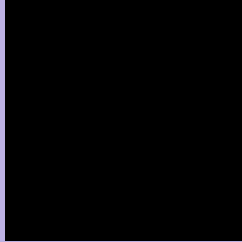
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.2880, -8.8980, 18.0940

Background



This preview shows how black text looks on a background with the YIQ color 186.2880, -8.8980, 18.0940.



This preview shows how white text looks on a background with the YIQ color 186.2880, -8.8980,

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

186.2880, -8.8980, 18.0940

Protanopia

184.4820, -21.3680, 12.8080

Deuteranopia

185.2440, -14.7660, 14.3060



Tritanopia

184.3080, -3.6230, 5.0890

Trichromacy



Original Color

186.2880, -8.8980, 18.0940

Protanomaly

184.9880, -16.9210, 14.8150

Deuteranomaly

185.5540, -12.7030, 15.4650

Tritanomaly

184.9860, -5.4120, 9.9800

Monochromacy



Original Color

186.2880, -8.8980, 18.0940

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.2480, -3.3940, 6.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.2880, -8.8980, 18.0940 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, 177, 227)` looks like.

```
.text, #text, p{  
    color:rgb(189, 177, 227)  
}
```

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, 177, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 177, 227) }
```

Border

The CSS property to change the border of an element to YIQ 186.2880, -8.8980, 18.0940 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, 177, 227) }
```


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

```
.border{ border-color:rgb(189, 177, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 177, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 177, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 177, 227);  
box-shadow:4px 4px 4px 4px rgb(189, 177,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 186.2880, -8.8980, 18.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 177, 227) }
```

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

```
.background{ background-color: rgb(189,  
177, 227) }
```

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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