

Converting Colors

YIQ(179.4880, 12.8850, -7.7470)

Have a look what the booklet for
YIQ(179.4880, 12.8850, -7.7470)
contains.

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Color

**YIQ(179.4880, 12.8850,
-7.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB598
RGB	187, 181, 152
RGB Percent	73%, 71%, 60%
CMY	0.2667, 0.2902, 0.4038
CMYK	0.00, 0.03, 0.19, 0.27
HSL	50°, 20%, 66%
HSV	50°, 19%, 73%
XYZ	42.6857, 45.8790, 36.3196
YIQ	179.4880, 12.8850, -7.7470

Conversions

Conversions Part 2

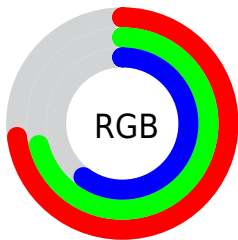
Format	Color
RYB	159, 187, 152
Decimal	12301720
CIELab	73.47, -2.73, 15.55
CIELCh	73, 15.787, 99.973
Yxy	45.8790, 0.3418, 0.3674
Android (android.graphics.Color)	4290491800 (0xFFBBB598)
YUV	179.4880, -13.5516, 6.5880
Hunter-Lab	67.7340, -6.0447, 15.6220

Details

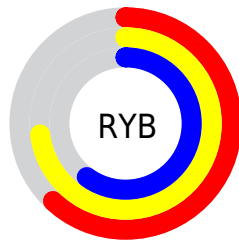
The YIQ color **179.4880, 12.8850, -7.7470** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **159.5120, -12.8850, 7.7470**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.2600, 13.5270, -8.3690**, and **126.7160, 12.2430, -7.1250** is the 20% darker color. If you saturate the color by 10%, you get **175.5610, 19.8090, -12.0870**, and if you desaturate by 10%, it is **183.4150, 5.9610, -3.4070**.

Distribution



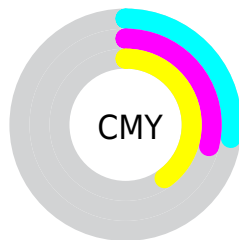
- Red (73%)
- Green (71%)
- Blue (60%)



- Red (62%)
- Yellow (73%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.4880, 12.8850, -7.7470 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 179.4880, 12.8850, -7.7470 by changing the saturation by 10% instead.

■ 179.4880, 12.8850,
-7.7470

■ 179.4880, 12.8850,
-7.7470

■ 255.0000, -0.0000,
-0.0000

■ 152.6020, 12.5640,
-7.4360

■ 235.2600, 13.5270,
-8.3690

■ 126.7160, 12.2430,
-7.1250

■ 252.7200, 6.4200,
-6.2200

■ 101.5310, 11.3260,
-7.0260

■ 77.3460, 10.4090,
-6.9270

■ 54.4600, 10.0880,
-6.6160

■ 33.0470, 9.8130,
-7.1390

■ 11.8060, 3.3020,

-4.7780

■ 0.0000, 0.0000,
0.0000

■ 179.4880, 12.8850,
-7.7470

■ 179.4880, 12.8850,
-7.7470

■ 175.5610, 19.8090,
-12.0870

■ 183.4150, 5.9610,
-3.4070

■ 171.7480, 26.4120,
-16.1160

■ 187.2280, -0.6420,
0.6220

■ 167.2340, 33.6110,
-19.9330

■ 191.7420, -7.8410,
4.4390

■ 163.3070, 40.5350,
-24.2730

■ 195.6690,
-14.7650, 8.7790

■ 159.4940, 47.1380,
-28.3020

■ 199.5960,
-21.6890, 13.1190

■ 155.5670, 54.0620,
-32.6420

■ 202.3830,
-25.4030, 14.3490

■ 151.6400, 60.9860,
-36.9820

■ 204.1440,
-26.2280, 12.7800

■ 147.1260, 68.1850,
-40.7990

■ 206.4920,
-27.3280, 10.6880

■ 146.8980, 68.8270,
-41.4210

■ 208.2530,
-28.1530, 9.1190

Harmonies

Analogous

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



180.9670, 21.9620, -1.5420



179.4880, 12.8850, -7.7470



177.4370, -0.2730, -11.5770

Triad

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



179.4880, 12.8850, -7.7470



175.9840, -29.4340, -6.2180



183.7340, 12.9730, 12.6930

Complementary

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



179.4880, 12.8850, -7.7470



159.5120, -12.8850, 7.7470

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.



182.3780, -0.6440, 11.6760



179.4880, 12.8850, -7.7470



178.2390, -25.5380, 0.2700

Square

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



179.4880, 12.8850, -7.7470



175.3880, -24.9400, -10.5720



180.6150, -14.6730, 7.1110



182.9430, 22.5100, 10.5580

Rectangle

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



179.4880, 12.8850, -7.7470



176.5330, -9.3510, -12.2550



180.6150, -14.6730, 7.1110



183.2820, 8.4340, 12.3540

Sweetspot

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



179.4880, 12.8850, -7.7470



239.2300, 5.0440, -3.3080



163.1490, 18.9340, 9.2860



120.5010, 2.8430, -1.9650



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.



179.4880, 12.8850, -7.7470



230.6750, 19.4880, -11.7760



179.7210, 4.6790, -13.2170



92.3870, 3.1640, -2.2760



124.1390, 58.1430, -35.0170



23.9440, 11.6010, -6.5030

Inverse Universe

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



159.5120, -12.8850, 7.7470



200.3250, -19.4880, 11.7760



159.2790, -4.6790, 13.2170



87.2000, -3.4390, 1.7530



33.8610, -58.1430, 35.0170



6.4690, -11.3260, 7.0260

Previews

White Background



This preview shows how the YIQ color 179.4880, 12.8850, -7.7470 looks on a white background.

Color Contrast Check

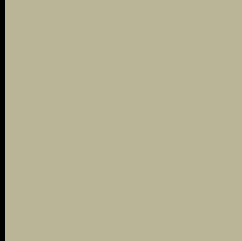
Large Text (above 18pt) WCAG AA × Fail

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 179.4880, 12.8850, -7.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

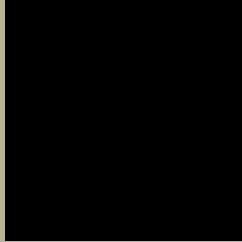
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

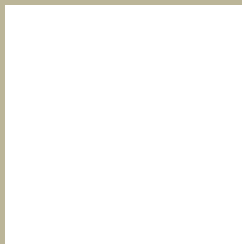
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 179.4880, 12.8850, -7.7470

Background



This preview shows how black text looks on a background with the YIQ color 179.4880, 12.8850, -7.7470.



This preview shows how white text looks on a background with the YIQ color 179.4880, 12.8850,

-7.7470.

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

179.4880, 12.8850, -7.7470

Protanopia

179.7980, 14.9480, -6.5880

Deuteranopia

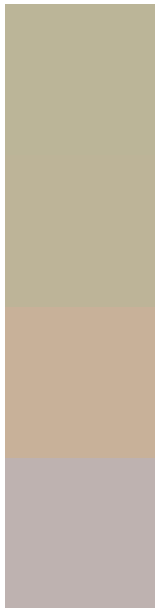
181.4730, 26.4090, 0.4650



Tritanopia

182.3800, 5.0420, 7.7460

Trichromacy



Original Color

179.4880, 12.8850, -7.7470

Protanomaly

179.4990, 14.3520, -6.8000

Deuteranomaly

181.1410, 21.4120, -2.5880

Tritanomaly

181.3600, 7.7940, 1.9220

Monochromacy



Original Color

179.4880, 12.8850, -7.7470

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.3440, 4.7230, -2.9970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.4880, 12.8850, -7.7470 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(187, 181, 152)` looks like.

```
.text, #text, p{  
    color:rgb(187, 181, 152)  
}
```

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(187, 181, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 181, 152) }
```

Border

The CSS property to change the border of an element to YIQ 179.4880, 12.8850, -7.7470 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(187, 181, 152) }
```


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

```
.border{ border-color:rgb(187, 181, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 181, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 181, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 181, 152); box-shadow:4px 4px 4px 4px rgb(187, 181, 152) }
```

Background

The CSS property to change the background color of an element to YIQ 179.4880, 12.8850, -7.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 181, 152) }
```

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

```
.background{ background-color: rgb(187,  
181, 152) }
```

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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