

Converting Colors

YIQ(181.7370, 7.7500, -8.2980)

Have a look what the booklet for
YIQ(181.7370, 7.7500, -8.2980)
contains.

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Color

**YIQ(181.7370, 7.7500,
-8.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B99F
RGB	184, 185, 159
RGB Percent	72%, 73%, 62%
CMY	0.2784, 0.2745, 0.3764
CMYK	0.01, 0.00, 0.14, 0.27
HSL	62°, 16%, 67%
HSV	62°, 14%, 73%
XYZ	43.3742, 47.3915, 39.6682
YIQ	181.7370, 7.7500, -8.2980

Conversions

Conversions Part 2

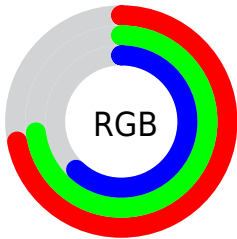
Format	Color
RYB	159, 185, 160
Decimal	12106143
CIELab	74.44, -4.88, 13.09
CIELCh	74, 13.967, 110.443
Yxy	47.3915, 0.3325, 0.3633
Android (android.graphics.Color)	4290296223 (0xFFB8B99F)
YUV	181.7370, -11.2093, 1.9847
Hunter-Lab	68.8415, -8.0070, 14.0246

Details

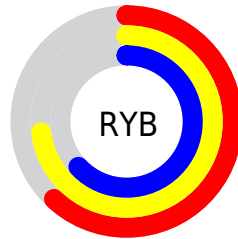
The YIQ color **181.7370, 7.7500, -8.2980** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **162.2630, -7.7500, 8.2980**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.6230, 8.0710, -8.6090**, and **128.9650, 7.1080, -7.6760** is the 20% darker color. If you saturate the color by 10%, you get **179.3860, 12.9320, -14.1080**, and if you desaturate by 10%, it is **184.2020, 2.2470, -2.1770**.

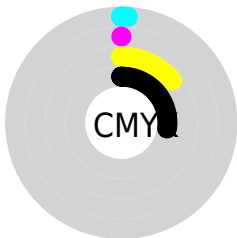
Distribution



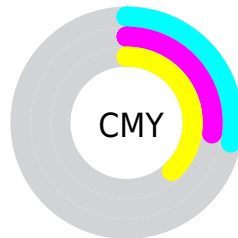
- Red (72%)
- Green (73%)
- Blue (62%)



- Red (62%)
- Yellow (73%)
- Blue (63%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.7370, 7.7500, -8.2980 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 181.7370, 7.7500, -8.2980 by changing the saturation by 10% instead.

■ 181.7370, 7.7500,
-8.2980

■ 181.7370, 7.7500,
-8.2980

■ 255.0000, -0.0000,
-0.0000

■ 154.8510, 7.4290,
-7.9870

■ 237.6230, 8.0710,
-8.6090

■ 128.9650, 7.1080,
-7.6760

■ 253.5180, 4.1730,
-4.0430

■ 103.9650, 7.1080,
-7.6760

■ 79.7800, 6.1910,
-7.5770

■ 56.8940, 5.8700,
-7.2660

■ 35.1220, 5.2280,
-6.6440

■ 14.1540, 2.2020,

-6.8700

■ 0.0000, 0.0000,
0.0000

■ 181.7370, 7.7500,
-8.2980

■ 181.7370, 7.7500,
-8.2980

■ 179.3860, 12.9320,
-14.1080

■ 184.2020, 2.2470,
-2.1770

■ 177.2200, 19.0310,
-20.0170

■ 186.2540, -3.5310,
3.4210

■ 174.8690, 24.2130,
-25.8270

■ 188.7190, -9.0340,
9.5420

■ 172.4040, 29.7160,
-31.9480

■ 191.0700,
-14.2160, 15.3520

■ 170.0530, 34.8980,
-37.7580

■ 193.5350,
-19.7190, 21.4730

■ 167.8870, 40.9970,
-43.6670

■ 193.8770,
-20.6820, 22.4060

■ 165.5360, 46.1790,
-49.4770

■ 194.1760,
-20.0860, 22.6180

■ 163.0710, 51.6820,
-55.5980

■ 194.4750,
-19.4900, 22.8300

■ 161.8170, 55.2130,
-59.0190

Harmonies

Analogous

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



183.4610, 17.5150, -3.5490



181.7370, 7.7500, -8.2980



179.8110, -4.2620, -10.8700

Triad

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



181.7370, 7.7500, -8.2980



179.7180, -25.6290, -3.5890



186.0500, 14.8990, 10.8270

Complementary

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



181.7370, 7.7500, -8.2980



162.2630, -7.7500, 8.2980

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.



185.3030, 3.9410, 11.1810



181.7370, 7.7500, -8.2980



181.3430, -19.8990, 2.7010

Square

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



181.7370, 7.7500, -8.2980



178.8550, -24.7570, -8.3810



183.6650, -8.9420, 7.8740



185.7640, 21.4560, 7.6320

Rectangle

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



181.7370, 7.7500, -8.2980



179.2060, -12.7440, -11.3360



183.6650, -8.9420, 7.8740



185.6090, 11.8270, 11.4350

Sweetspot

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



181.7370, 7.7500, -8.2980



238.5610, 2.6140, -3.3220



167.3610, 15.2210, 4.9890



119.3160, 1.9260, -1.8660



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



181.7370, 7.7500, -8.2980



234.7280, 11.9690, -13.1750



177.8500, 0.0020, -11.0540



90.6750, 2.2930, -3.0110



136.4220, 46.5000, -49.7880



24.5090, 8.3920, -8.9200

Inverse Universe

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



162.2630, -7.7500, 8.2980



204.2720, -11.9690, 13.1750



166.1500, -0.0020, 11.0540



84.0260, -2.8890, 2.7990



19.5780, -46.5000, 49.7880



3.4910, -8.3920, 8.9200

Previews

White Background



This preview shows how the YIQ color 181.7370, 7.7500, -8.2980 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 181.7370, 7.7500, -8.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

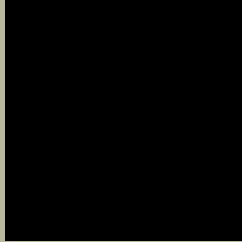
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

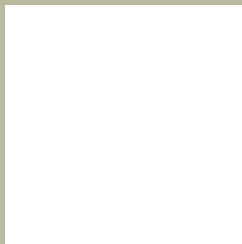
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 181.7370, 7.7500, -8.2980

Background



This preview shows how black text looks on a background with the YIQ color 181.7370, 7.7500, -8.2980.



This preview shows how white text looks on a background with the YIQ color 181.7370, 7.7500,

-8.2980.

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

181.7370, 7.7500, -8.2980

Protanopia

182.8410, 13.3890, -5.8670

Deuteranopia

184.1570, 24.4830, 2.3310



Tritanopia

184.2870, 0.8700, 6.2620

Trichromacy



Original Color

181.7370, 7.7500, -8.2980

Protanomaly

182.5310, 11.3260, -7.0260

Deuteranomaly

183.1130, 18.6150, -1.4570

Tritanomaly

183.3810, 3.3010, 0.7490

Monochromacy



Original Color

181.7370, 7.7500, -8.2980

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.9740, 2.8890, -2.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.7370, 7.7500, -8.2980 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(184, 185, 159)` looks like.

```
.text, #text, p{  
    color:rgb(184, 185, 159)  
}
```

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(184, 185, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 185, 159) }
```

Border

The CSS property to change the border of an element to YIQ 181.7370, 7.7500, -8.2980 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(184, 185, 159) }
```


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

```
.border{ border-color:rgb(184, 185, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 185, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 185, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 185, 159);  
box-shadow:4px 4px 4px 4px rgb(184, 185,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 181.7370, 7.7500, -8.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 185, 159) }
```

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

```
.background{ background-color: rgb(184,  
185, 159) }
```

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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