

Converting Colors

YIQ(157.1490, 10.9070, 28.1150)

Have a look what the booklet for
YIQ(157.1490, 10.9070, 28.1150)
contains.

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Color

**YIQ(157.1490, 10.9070,
28.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	B988C1
RGB	185, 136, 193
RGB Percent	73%, 53%, 76%
CMY	0.2744, 0.4667, 0.2431
CMYK	0.04, 0.30, 0.00, 0.24
HSL	292°, 31%, 65%
HSV	292°, 30%, 76%
XYZ	38.4438, 31.7719, 54.5583
YIQ	157.1490, 10.9070, 28.1150

Conversions

Conversions Part 2

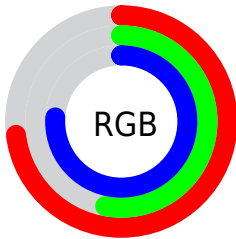
Format	Color
RYB	185, 136, 193
Decimal	12159169
CIELab	63.15, 28.59, -22.38
CIELCh	63, 36.309, 321.945
Yxy	31.7719, 0.3081, 0.2546
Android (android.graphics.Color)	4290349249 (0xFFB988C1)
YUV	157.1490, 17.6745, 24.4253
Hunter-Lab	56.3666, 23.1013, -17.9314

Details

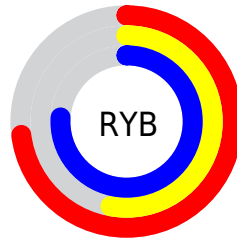
The YIQ color **157.1490, 10.9070, 28.1150** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171.8510, -10.9070, -28.1150**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **212.3880, 11.7320, 29.6840**, and **104.9100, 10.0820, 26.5460** is the 20% darker color. If you saturate the color by 10%, you get **145.0990, 14.3440, 37.4160**, and if you desaturate by 10%, it is **169.1990, 7.4700, 18.8140**.

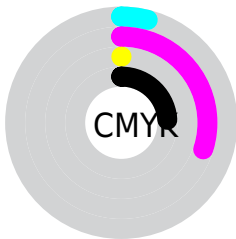
Distribution



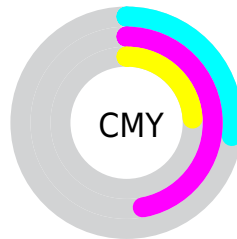
- Red (73%)
- Green (53%)
- Blue (76%)



- Red (73%)
- Yellow (53%)
- Blue (76%)



- Cyan (4%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.1490, 10.9070, 28.1150 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 157.1490, 10.9070, 28.1150 by changing the saturation by 10% instead.

■ 157.1490, 10.9070,
28.1150

■ 157.1490, 10.9070,
28.1150

255.0000, -0.0000,
-0.0000

■ 130.7360, 10.6320,
27.5920

■ 212.3880, 11.7320,
29.6840

■ 104.9100, 10.0820,
26.5460

■ 233.2810, 10.1750,
19.3510

■ 80.1980, 9.2110,
25.8110

■ 249.7170, 2.4750,
4.7070

■ 56.3720, 8.6610,
24.7650

■ 32.9590, 8.3860,
24.2420

■ 15.3670, 7.0570,
20.7930

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 157.1490, 10.9070,
28.1150

■ 157.1490, 10.9070,
28.1150

■ 145.0990, 14.3440,
37.4160

■ 169.1990, 7.4700,
18.8140

■ 132.7610, 18.6520,
47.4520

■ 181.5370, 3.1620,
8.7780

■ 120.7110, 22.0890,
56.7530

■ 193.5870, -0.2750,
-0.5230

■ 108.6610, 25.5260,
66.0540

■ 205.6370, -3.7120,
-9.8240

■ 96.3230, 29.8340,
76.0900

■ 217.6870, -7.1490,
-19.1250

■ 84.2730, 33.2710,
85.3910

■ 230.0250,
-11.4570, -29.1610

■ 72.2230, 36.7080,
94.6920

■ 232.6830,
-10.4940, -30.0940

■ 71.6360, 36.9830,
95.2150

■ 233.5800, -8.7060,
-29.4580

■ 234.1780, -7.5140,
-29.0340

Harmonies

Analogous

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



154.2140, -23.2490, 19.3670



157.1490, 10.9070, 28.1150



156.2090, 37.0410, 28.0570

Triad

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



157.1490, 10.9070, 28.1150



151.4400, 39.2030, -11.1410



119.8540, -103.2460, -34.1740

Complementary

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



157.1490, 10.9070, 28.1150



171.8510, -10.9070, -28.1150

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.



135.8370, -51.8500, -29.4980



157.1490, 10.9070, 28.1150



148.0840, 16.4180, -22.2220

Square

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



157.1490, 10.9070, 28.1150



153.4560, 51.4420, 3.8420



143.6980, -14.8500, -28.2420



125.0690, -101.8730, -20.5050

Rectangle

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



157.1490, 10.9070, 28.1150



155.7940, 48.2750, 22.6990



143.6980, -14.8500, -28.2420



127.5700, -81.8350, -31.2350

Sweetspot

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



157.1490, 10.9070, 28.1150



235.6020, 4.5370, 11.3930



147.7810, -20.7720, 13.0200



116.1840, 2.6580, 6.8980



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



157.1490, 10.9070, 28.1150



194.7560, 17.0480, 43.4800



157.2610, 22.0950, 23.5910



90.8310, 2.1540, 5.0180



59.6160, 30.5670, 79.3270



12.4330, 6.6910, 16.4110

Inverse Universe

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



153.9550, 31.4040, 14.5720



189.7940, 48.2750, 22.6990



171.7390, -22.0950, -23.5910



90.2180, 5.3180, 2.7420



50.6470, 88.8940, 40.9740



10.4370, 18.0630, 8.5510

Previews

White Background



This preview shows how the YIQ color 157.1490, 10.9070, 28.1150 looks on a white background.

Color Contrast Check

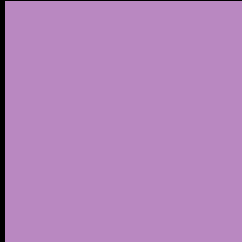
Large Text (above 18pt) WCAG AA × Fail

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 157.1490, 10.9070, 28.1150 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 157.1490, 10.9070, 28.1150

Background



This preview shows how black text looks on a background with the YIQ color 157.1490, 10.9070, 28.1150.



This preview shows how white text looks on a background with the YIQ color 157.1490, 10.9070,

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

157.1490, 10.9070, 28.1150

Protanopia

153.1550, -24.7610, 13.7270

Deuteranopia

154.2610, -13.4360, 12.2280



Tritanopia

155.4310, 18.2000, 11.5760

Trichromacy



Original Color

157.1490, 10.9070, 28.1150

Protanomaly

154.8470, -11.9700, 18.7020

Deuteranomaly

155.3270, -4.6340, 17.9100

Tritanomaly

155.8640, 15.7230, 17.9230

Monochromacy



Original Color

157.1490, 10.9070, 28.1150

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.7760, 3.9870, 10.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.1490, 10.9070, 28.1150 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(185, 136, 193)` looks like.

```
.text, #text, p{  
    color:rgb(185, 136, 193)  
}
```

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(185, 136, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 136, 193) }
```

Border

The CSS property to change the border of an element to YIQ 157.1490, 10.9070, 28.1150 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(185, 136, 193) }
```


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

```
.border{ border-color:rgb(185, 136, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 136, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 136, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 136, 193);  
box-shadow:4px 4px 4px 4px rgb(185, 136,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 157.1490, 10.9070, 28.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 136, 193) }
```

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

```
.background{ background-color: rgb(185,  
136, 193) }
```

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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