

Converting Colors

YIQ(190.2930, 9.9010, 13.3010)

Have a look what the booklet for
YIQ(190.2930, 9.9010, 13.3010)
contains.

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Color

**YIQ(190.2930, 9.9010,
13.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B3CA
RGB	208, 179, 202
RGB Percent	82%, 70%, 79%
CMY	0.1842, 0.2981, 0.2078
CMYK	0.00, 0.14, 0.03, 0.18
HSL	312°, 24%, 76%
HSV	312°, 14%, 82%
XYZ	52.7974, 49.9128, 62.7319
YIQ	190.2930, 9.9010, 13.3010

Conversions

Conversions Part 2

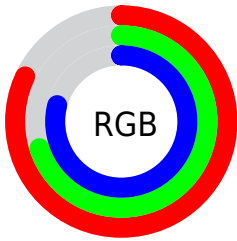
Format	Color
R _Y B	208, 179, 202
Decimal	13677514
CIE Lab	76.02, 14.40, -7.77
CIE LCh	76, 16.363, 331.640
Yxy	49.9128, 0.3191, 0.3017
Android (android.graphics.Color)	4291867594 (0xFFD0B3CA)
YUV	190.2930, 5.7716, 15.5290
Hunter-Lab	70.6490, 9.7607, -3.1915

Details

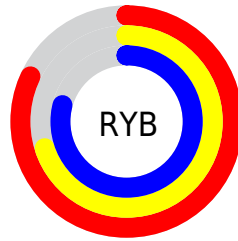
The YIQ color **190.2930, 9.9010, 13.3010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196.7070, -9.9010, -13.3010**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.2600, 5.5000, 10.4600**, and **136.5810, 9.0300, 12.5660** is the 20% darker color. If you saturate the color by 10%, you get **177.5100, 16.9600, 23.0400**, and if you desaturate by 10%, it is **203.0760, 2.8420, 3.5620**.

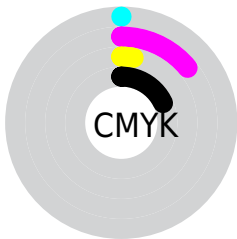
Distribution



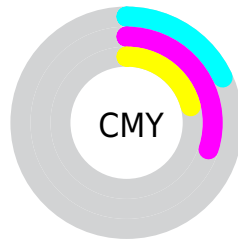
- Red (82%)
- Green (70%)
- Blue (79%)



- Red (82%)
- Yellow (70%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.2930, 9.9010, 13.3010 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 190.2930, 9.9010, 13.3010 by changing the saturation by 10% instead.


 190.2930, 9.9010,
13.3010


 190.2930, 9.9010,
13.3010

255.0000, -0.0000,
-0.0000

 162.9940, 9.3050,
13.0890

 243.2600, 5.5000,
10.4600

 136.5810, 9.0300,
12.5660

 111.1680, 8.7550,
12.0430

 86.7550, 8.4800,
11.5200

 63.4560, 7.8840,
11.3080

 41.0430, 7.6090,
10.7850

 19.7440, 7.0130,

10.5730

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 190.2930, 9.9010,
13.3010

■ 190.2930, 9.9010,
13.3010

■ 177.5100, 16.9600,
23.0400

■ 203.0760, 2.8420,
3.5620

■ 164.6130, 24.3400,
32.4680

■ 215.9730, -4.5380,
-5.8660

■ 152.4170, 31.1240,
41.6840

■ 228.1690,
-11.3220, -15.0820

■ 139.6340, 38.1830,
51.4230

■ 236.8430,
-16.4560, -21.1600

■ 126.7370, 45.5630,
60.8510

■ 237.4130,
-18.0610, -19.6050

■ 113.9540, 52.6220,
70.5900

■ 237.8690,
-19.3450, -18.3610

■ 101.1710, 59.6810,
80.3290

■ 238.3250,
-20.6290, -17.1170

■ 88.9750, 66.4650,
89.5450

■ 238.7810,
-21.9130, -15.8730

■ 81.0020, 71.0030,
95.4110

■ 239.3510,
-23.5180, -14.3180

Harmonies

Analogous

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



188.8120, -4.8620, 11.0260



190.2930, 9.9010, 13.3010



190.3990, 21.2260, 11.8020

Triad

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



190.2930, 9.9010, 13.3010



187.1680, 16.7820, -6.7860



182.4460, -30.8550, -7.9990

Complementary

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



190.2930, 9.9010, 13.3010



196.7070, -9.9010, -13.3010

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.



181.9320, -23.6560, -11.8160



190.2930, 9.9010, 13.3010



185.0030, 3.9450, -10.9270

Square

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



190.2930, 9.9010, 13.3010



188.5760, 24.6210, -0.1710



183.5220, -10.8180, -13.2020



183.9180, -29.0680, -1.8360

Rectangle

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



190.2930, 9.9010, 13.3010



189.8570, 25.6280, 9.1160



183.5220, -10.8180, -13.2020



181.8760, -29.2500, -9.5540

Sweetspot

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



190.2930, 9.9010, 13.3010



248.9020, 3.3920, 4.6080



184.1000, -5.7330, 10.2910



123.6630, 2.5670, 3.0390



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.



190.2930, 9.9010, 13.3010



228.7330, 14.7140, 19.6900



188.6970, 14.3950, 8.9470



98.2010, 3.9880, 4.8200



65.3940, 57.4350, 76.9790



15.9070, 14.1640, 18.6440

Inverse Universe

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



190.2930, 9.9010, 13.3010



228.7330, 14.7140, 19.6900



198.3030, -14.3950, -8.9470



98.2010, 3.9880, 4.8200



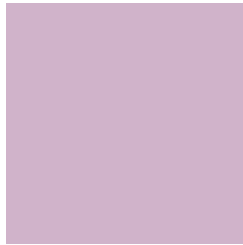
65.3940, 57.4350, 76.9790



15.9070, 14.1640, 18.6440

Previews

White Background



This preview shows how the YIQ color 190.2930, 9.9010, 13.3010 looks on a white background.

Color Contrast Check

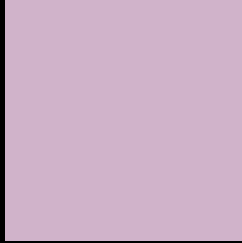
Large Text (above 18pt) WCAG AA × Fail

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 190.2930, 9.9010, 13.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

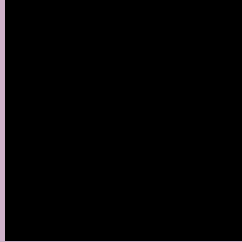
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.2930, 9.9010, 13.3010

Background



This preview shows how black text looks on a background with the YIQ color 190.2930, 9.9010, 13.3010.



This preview shows how white text looks on a background with the YIQ color 190.2930, 9.9010,

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

190.2930, 9.9010, 13.3010

Protanopia

188.0950, -7.3370, 6.3190

Deuteranopia

189.2490, 4.0330, 9.5130



Tritanopia

189.6690, 11.5980, 10.0780

Trichromacy



Original Color

190.2930, 9.9010, 13.3010

Protanomaly

188.4980, -1.1020, 8.9620

Deuteranomaly

189.5590, 6.0960, 10.6720

Tritanomaly

190.0110, 10.6350, 11.0110

Monochromacy



Original Color

190.2930, 9.9010, 13.3010

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.2010, 3.9880, 4.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.2930, 9.9010, 13.3010 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(208, 179, 202)` looks like.

```
.text, #text, p{  
    color:rgb(208, 179, 202)  
}
```

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(208, 179, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 179, 202) }
```

Border

The CSS property to change the border of an element to YIQ 190.2930, 9.9010, 13.3010 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(208, 179, 202) }
```


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

```
.border{ border-color:rgb(208, 179, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 179, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 179, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 179, 202);  
box-shadow:4px 4px 4px 4px rgb(208, 179,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 190.2930, 9.9010, 13.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 179, 202) }
```

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

```
.background{ background-color: rgb(208,  
179, 202) }
```

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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