

Converting Colors

YIQ(158.2060, 23.9280, 28.9200)

Have a look what the booklet for
YIQ(158.2060, 23.9280, 28.9200)
contains.

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Color

**YIQ(158.2060, 23.9280,
28.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	C785B5
RGB	199, 133, 181
RGB Percent	78%, 52%, 71%
CMY	0.2194, 0.4785, 0.2901
CMYK	0.00, 0.33, 0.09, 0.22
HSL	316°, 37%, 65%
HSV	316°, 33%, 78%
XYZ	40.2916, 32.2529, 47.8258
YIQ	158.2060, 23.9280, 28.9200

Conversions

Conversions Part 2

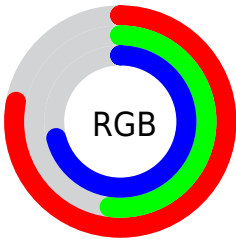
Format	Color
R _Y B	199, 133, 181
Decimal	13075893
CIE Lab	63.55, 32.71, -14.87
CIE LCh	64, 35.931, 335.548
Yxy	32.2529, 0.3347, 0.2679
Android (android.graphics.Color)	4291265973 (0xFFC785B5)
YUV	158.2060, 11.2374, 35.7763
Hunter-Lab	56.7917, 27.2537, -10.1756

Details

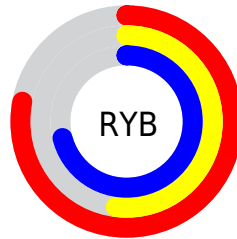
The YIQ color **158.2060, 23.9280, 28.9200** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173.7940, -23.9280, -28.9200**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0320, 24.4780, 29.9660**, and **105.7820, 22.1860, 27.4500** is the 20% darker color. If you saturate the color by 10%, you get **145.8960, 31.0330, 37.8250**, and if you desaturate by 10%, it is **170.5160, 16.8230, 20.0150**.

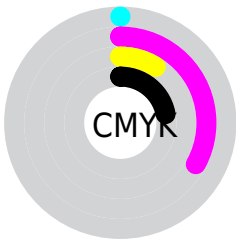
Distribution



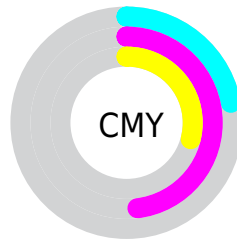
- Red (78%)
- Green (52%)
- Blue (71%)



- Red (78%)
- Yellow (52%)
- Blue (71%)



- Cyan (0%)
- Magenta (33%)
- Yellow (9%)
- Black (22%)





- Cyan (22%)
- Magenta (48%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.2060, 23.9280, 28.9200 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 158.2060, 23.9280, 28.9200 by changing the saturation by 10% instead.


 158.2060, 23.9280,
28.9200


 158.2060, 23.9280,
28.9200


255.0000, -0.0000,
-0.0000

 131.4940, 23.0570,
28.1850


 213.0320, 24.4780,
29.9660


 105.7820, 22.1860,
27.4500


 231.5200, 11.0000,
20.9200

 81.0700, 21.3150,
26.7150

 248.5430, 3.0250,
5.7530

 56.4720, 20.1230,
26.2910

 31.1130, 19.7560,
27.4360

 17.0320, 15.3100,
19.9020

 3.4180, 1.8790,

4.4950

0.0000, 0.0000,
0.0000

158.2060, 23.9280,
28.9200

158.2060, 23.9280,
28.9200

145.8960, 31.0330,
37.8250

170.5160, 16.8230,
20.0150

133.4720, 38.4590,
46.4190

182.9400, 9.3970,
11.4210

121.1620, 45.5640,
55.3240

195.2500, 2.2920,
2.5160

108.7380, 52.9900,
63.9180

207.6740, -5.1340,
-6.0780

96.4280, 60.0950,
72.8230

219.9840,
-12.2390, -14.9830

■ 84.5910, 67.2460,
80.8940

■ 231.8210,
-19.3900, -23.0540

■ 76.0310, 72.0590,
87.2830

■ 234.1520,
-21.8200, -23.0680

■ 234.7220,
-23.4250, -21.5130

■ 235.4060,
-25.3510, -19.6470

Harmonies

Analogous

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



156.7600, -7.1110, 24.2570



158.2060, 23.9280, 28.9200



156.9940, 44.8360, 24.4520

Triad

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



158.2060, 23.9280, 28.9200



151.0750, 29.8050, -17.0350



121.4500, -107.7400, -29.8200

Complementary

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



158.2060, 23.9280, 28.9200



173.7940, -23.9280, -28.9200

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.



132.8550, -69.4560, -29.8080



158.2060, 23.9280, 28.9200



147.5600, 3.2140, -25.2180

Square

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



158.2060, 23.9280, 28.9200



153.7880, 47.2710, -3.1690



141.9720, -30.3010, -29.0610



137.3650, -78.8590, -8.0670

Rectangle

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



158.2060, 23.9280, 28.9200



156.0730, 51.6230, 17.0870



141.9720, -30.3010, -29.0610



120.6090, -103.9340, -32.7180

Sweetspot

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



158.2060, 23.9280, 28.9200



239.5270, 9.1220, 10.8980



145.9060, -10.4580, 24.3420



118.0380, 6.0050, 6.8130



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.



158.2060, 23.9280, 28.9200



191.9340, 37.0380, 44.6380



154.4440, 34.5210, 18.6570



93.4890, 3.1170, 4.0850



62.3030, 58.9490, 71.5650



13.7280, 13.1100, 15.7180

Inverse Universe

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



158.2060, 23.9280, 28.9200



191.9340, 37.0380, 44.6380



177.5560, -34.5210, -18.6570



93.4890, 3.1170, 4.0850



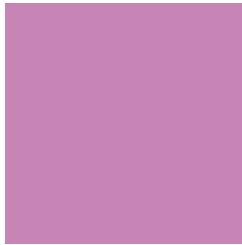
62.3030, 58.9490, 71.5650



13.7280, 13.1100, 15.7180

Previews

White Background



This preview shows how the YIQ color 158.2060, 23.9280, 28.9200 looks on a white background.

Color Contrast Check

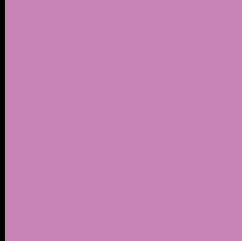
Large Text (above 18pt) WCAG AA × Fail

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 158.2060, 23.9280, 28.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

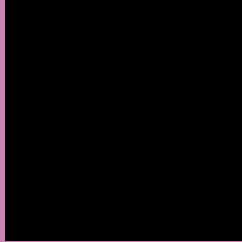
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.2060, 23.9280, 28.9200

Background



This preview shows how black text looks on a background with the YIQ color 158.2060, 23.9280, 28.9200.



This preview shows how white text looks on a background with the YIQ color 158.2060, 23.9280,

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

158.2060, 23.9280, 28.9200

Protanopia

155.0970, -18.8460, 11.1540

Deuteranopia

155.5840, -4.2200, 10.4040



Tritanopia

156.9980, 29.8450, 15.2930

Trichromacy



Original Color

158.2060, 23.9280, 28.9200

Protanomaly

156.3980, -3.3960, 17.5000

Deuteranomaly

156.6610, 6.0490, 17.0330

Tritanomaly

157.3770, 27.4600, 19.9720

Monochromacy



Original Color

158.2060, 23.9280, 28.9200

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.1140, 8.8470, 10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.2060, 23.9280, 28.9200 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(199, 133, 181)` looks like.

```
.text, #text, p{  
    color:rgb(199, 133, 181)  
}
```

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(199, 133, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 133, 181) }
```

Border

The CSS property to change the border of an element to YIQ 158.2060, 23.9280, 28.9200 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(199, 133, 181) }
```


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

```
.border{ border-color:rgb(199, 133, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 133, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 133, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 133, 181);  
box-shadow:4px 4px 4px 4px rgb(199, 133,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 158.2060, 23.9280, 28.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 133, 181) }
```

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

```
.background{ background-color: rgb(199,  
133, 181) }
```

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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