

Converting Colors

YIQ(159.6310, 23.9290, 23.3930)

Have a look what the booklet for
YIQ(159.6310, 23.9290, 23.3930)
contains.

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Color

**YIQ(159.6310, 23.9290,
23.3930)**

Conversions

Conversions Part 1

Format	Color
Hex	C58AAD
RGB	197, 138, 173
RGB Percent	77%, 54%, 68%
CMY	0.2273, 0.4589, 0.3215
CMYK	0.00, 0.30, 0.12, 0.23
HSL	324°, 34%, 66%
HSV	324°, 30%, 77%
XYZ	39.6662, 33.0636, 43.8352
YIQ	159.6310, 23.9290, 23.3930

Conversions

Conversions Part 2

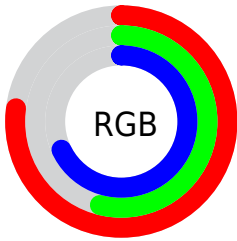
Format	Color
RYB	197, 138, 173
Decimal	12946093
CIELab	64.21, 27.91, -9.38
CIELCh	64, 29.441, 341.419
Yxy	33.0636, 0.3403, 0.2836
Android (android.graphics.Color)	4291136173 (0xFFC58AAD)
YUV	159.6310, 6.5909, 32.7726
Hunter-Lab	57.5009, 22.5091, -4.9484

Details

The YIQ color **159.6310, 23.9290, 23.3930** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175.3690, -23.9290, -23.3930**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.6420, 25.3960, 24.3400**, and **107.3210, 21.8660, 22.2340** is the 20% darker color. If you saturate the color by 10%, you get **146.9790, 31.9970, 31.3650**, and if you desaturate by 10%, it is **172.2830, 15.8610, 15.4210**.

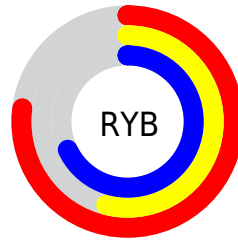
Distribution



Red (77%)

Green (54%)

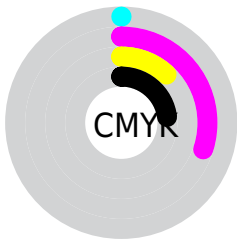
Blue (68%)



Red (77%)

Yellow (54%)

Blue (68%)

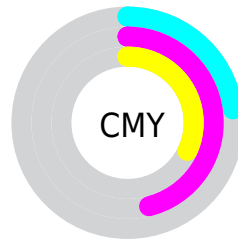


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (23%)



Cyan (23%)


Magenta (46%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.6310, 23.9290, 23.3930 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 159.6310, 23.9290, 23.3930 by changing the saturation by 10% instead.


 159.6310, 23.9290,
23.3930

 159.6310, 23.9290,
23.3930


255.0000, -0.0000,
-0.0000


 132.9190, 23.0580,
22.6580


 214.6420, 25.3960,
24.3400


 107.3210, 21.8660,
22.2340


 234.4550, 9.6250,
18.3050

 82.6090, 20.9950,
21.4990

 251.4780, 1.6500,
3.1380

 58.8970, 20.1240,
20.7640

 34.8260, 18.8860,
21.1740

 16.1630, 16.3190,
18.1350

 2.3920, 4.7680,

1.6960

■ 0.0000, 0.0000,
0.0000

■ 159.6310, 23.9290,
23.3930

■ 159.6310, 23.9290,
23.3930

■ 146.9790, 31.9970,
31.3650

■ 172.2830, 15.8610,
15.4210

■ 134.9140, 39.7900,
38.8140

■ 184.3480, 8.0680,
7.9720

■ 122.2620, 47.8580,
46.7860

■ 197.0000, -0.0000,
-0.0000

■ 109.6100, 55.9260,
54.7580

■ 209.6520, -8.0680,
-7.9720

■ 96.9580, 63.9940,
62.7300

■ 222.3040,
-16.1360, -15.9440

84.8930, 71.7870,
70.1790

233.7820,
-23.6540, -22.8700

72.2410, 79.8550,
78.1510

234.6940,
-26.2220, -20.3820

235.6060,
-28.7900, -17.8940

236.5180,
-31.3580, -15.4060

Harmonies

Analogous

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



158.7730, 0.0420, 21.2740



159.6310, 23.9290, 23.3930



158.6680, 39.7020, 18.3740

Triad

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



159.6310, 23.9290, 23.3930



153.0510, 21.1850, -14.9990



141.2060, -65.4700, -13.9340

Complementary

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



159.6310, 23.9290, 23.3930



175.3690, -23.9290, -23.3930

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.



141.3240, -54.4190, -21.4830



159.6310, 23.9290, 23.3930



149.8570, -1.8760, -21.0760

Square

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



159.6310, 23.9290, 23.3930



155.1720, 37.3220, -4.5820



146.0310, -28.7890, -23.4210



147.7550, -53.4140, -1.1420

Rectangle

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



159.6310, 23.9290, 23.3930



157.7190, 43.6920, 12.1400



146.0310, -28.7890, -23.4210



140.2830, -64.3690, -17.3690

Sweetspot

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



159.6310, 23.9290, 23.3930



240.4730, 9.2140, 9.2300



151.9020, -4.6350, 23.4370



118.5110, 6.0510, 5.9790



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.



159.6310, 23.9290, 23.3930



196.7780, 37.1770, 36.6090



156.3250, 33.2380, 14.3740



93.2610, 3.7590, 3.4630



59.7950, 66.0110, 64.7230



13.1580, 14.7150, 14.1630

Inverse Universe

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



159.6310, 23.9290, 23.3930



196.7780, 37.1770, 36.6090



178.6750, -33.2380, -14.3740



93.2610, 3.7590, 3.4630



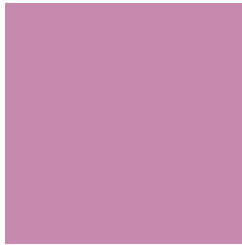
59.7950, 66.0110, 64.7230



13.1580, 14.7150, 14.1630

Previews

White Background



This preview shows how the YIQ color 159.6310, 23.9290, 23.3930 looks on a white background.

Color Contrast Check

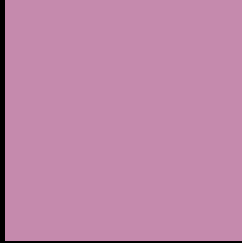
Large Text (above 18pt) WCAG AA × Fail

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 159.6310, 23.9290, 23.3930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

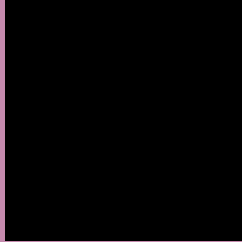
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.6310, 23.9290, 23.3930

Background



This preview shows how black text looks on a background with the YIQ color 159.6310, 23.9290, 23.3930.



This preview shows how white text looks on a background with the YIQ color 159.6310, 23.9290,

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

159.6310, 23.9290, 23.3930

Protanopia

156.8110, -12.2890, 7.9590

Deuteranopia

157.6400, 1.3740, 8.1420



Tritanopia

158.9870, 28.3780, 14.3460

Trichromacy



Original Color

159.6310, 23.9290, 23.3930

Protanomaly

157.9160, 0.7770, 13.4570

Deuteranomaly

158.4070, 9.5800, 13.6120

Tritanomaly

159.6110, 26.6810, 17.5690

Monochromacy



Original Color

159.6310, 23.9290, 23.3930

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.7610, 8.3430, 8.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.6310, 23.9290, 23.3930 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(197, 138, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 138, 173)  
}
```

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(197, 138, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 138, 173) }
```

Border

The CSS property to change the border of an element to YIQ 159.6310, 23.9290, 23.3930 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(197, 138, 173) }
```


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

```
.border{ border-color:rgb(197, 138, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 138, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 138, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 138, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 138,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 159.6310, 23.9290, 23.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 138, 173) }
```

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

```
.background{ background-color: rgb(197,  
138, 173) }
```

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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