

Converting Colors

YIQ(126.1930, 33.9700, 23.1380)

Have a look what the booklet for
YIQ(126.1930, 33.9700, 23.1380)
contains.

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Color

**YIQ(126.1930, 33.9700,
23.1380)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6680
RGB	173, 102, 128
RGB Percent	68%, 40%, 50%
CMY	0.3214, 0.6001, 0.4979
CMYK	0.00, 0.41, 0.26, 0.32
HSL	338°, 30%, 54%
HSV	338°, 41%, 68%
XYZ	25.8907, 19.9458, 22.9175
YIQ	126.1930, 33.9700, 23.1380

Conversions

Conversions Part 2

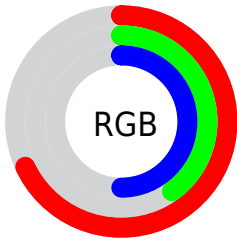
Format	Color
RYB	173, 102, 128
Decimal	11363968
CIELab	51.78, 31.98, -2.11
CIELCh	52, 32.052, 356.219
Yxy	19.9458, 0.3766, 0.2901
Android (android.graphics.Color)	4289554048 (0xFFAD6680)
YUV	126.1930, 0.8909, 41.0497
Hunter-Lab	44.6607, 25.3236, 0.8380

Details

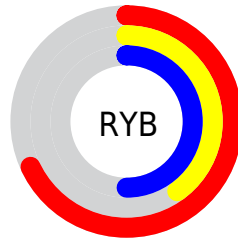
The YIQ color **126.1930, 33.9700, 23.1380** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **148.8070, -33.9700, -23.1380**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8020, 36.6290, 24.5090**, and **75.6980, 30.9900, 22.0780** is the 20% darker color. If you saturate the color by 10%, you get **114.9600, 42.1760, 28.6080**, and if you desaturate by 10%, it is **137.4260, 25.7640, 17.6680**.

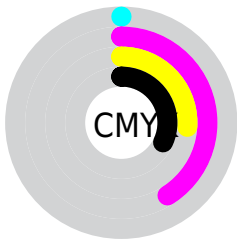
Distribution



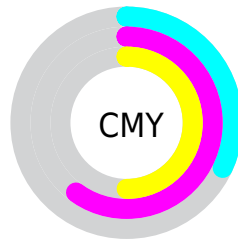
- Red (68%)
- Green (40%)
- Blue (50%)



- Red (68%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (32%)



- Cyan (32%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.1930, 33.9700, 23.1380 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 126.1930, 33.9700, 23.1380 by changing the saturation by 10% instead.

126.1930, 33.9700,
23.1380

126.1930, 33.9700,
23.1380

255.0000, -0.0000,
-0.0000

100.5950, 32.7780,
22.7140

179.8020, 36.6290,
24.5090

75.6980, 30.9900,
22.0780

206.2040, 35.4370,
24.0850

51.2140, 29.4770,
21.9650

225.9460, 18.4280,
18.4600

25.1970, 28.1470,
24.0430

245.0210, 4.6750,
8.8910

14.9370, 22.6470,
13.5830

0.0000, 0.0000,
0.0000

126.1930, 33.9700,
23.1380

126.1930, 33.9700,
23.1380

114.9600, 42.1760,
28.6080

137.4260, 25.7640,
17.6680

103.1400, 50.6570,
34.6010

149.2460, 17.2830,
11.6750

91.9070, 58.8630,
40.0710

160.4790, 9.0770,
6.2050

80.6740, 67.0690,
45.5410

171.7120, 0.8710,
0.7350

68.8540, 75.5500,
51.5340

182.9450, -7.3350,
-4.7350


58.9090, 82.8850,
56.2690

194.7650,
-15.8160, -10.7280

205.9980,
-24.0220, -16.1980

217.2310,

-32.2280, -21.6680

 227.2900,
-39.8840, -26.0920

Harmonies

Analogous

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



127.2970, 13.2460, 24.2700



126.1930, 33.9700, 23.1380



124.5990, 44.1500, 14.8540

Triad

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



126.1930, 33.9700, 23.1380



118.7290, 10.2280, -20.1720



99.3050, -87.7980, -16.7740

Complementary

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



126.1930, 33.9700, 23.1380



148.8070, -33.9700, -23.1380

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.



97.7640, -85.1370, -26.4570



126.1930, 33.9700, 23.1380



114.8490, -16.5930, -24.1850

Square

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



126.1930, 33.9700, 23.1380



121.8350, 30.7210, -11.6070



107.7280, -49.9250, -25.8370



117.2660, -47.3630, 4.8370

Rectangle

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



126.1930, 33.9700, 23.1380



123.9160, 44.3350, 5.9910



107.7280, -49.9250, -25.8370



98.3000, -89.4020, -20.7460

Sweetspot

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



126.1930, 33.9700, 23.1380



206.2130, 12.8820, 8.8340



123.5490, 4.0290, 31.6210



101.4680, 7.6100, 5.2580



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



126.1930, 33.9700, 23.1380



151.5640, 52.3990, 36.0710



128.5120, 39.8410, 10.3450



81.0330, 4.4010, 2.8410



51.1200, 71.7450, 48.9050



7.7890, 11.1400, 7.3640

Inverse Universe

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



126.1930, 33.9700, 23.1380



151.5640, 52.3990, 36.0710



146.4880, -39.8410, -10.3450



81.0330, 4.4010, 2.8410



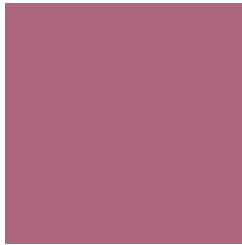
51.1200, 71.7450, 48.9050



7.7890, 11.1400, 7.3640

Previews

White Background



This preview shows how the YIQ color 126.1930, 33.9700, 23.1380 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 126.1930, 33.9700, 23.1380 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 × Fail

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

YIQ 126.1930, 33.9700, 23.1380

Background



This preview shows how black text looks on a background with the YIQ color 126.1930, 33.9700, 23.1380.



This preview shows how white text looks on a background with the YIQ color 126.1930, 33.9700,

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

126.1930, 33.9700, 23.1380

Protanopia

124.4540, -6.9700, 5.1740

Deuteranopia

125.0550, 7.3350, 4.7350



Tritanopia

125.9450, 37.3640, 16.6920

Trichromacy



Original Color

126.1930, 33.9700, 23.1380

Protanomaly

124.8690, 8.1590, 11.8310

Deuteranomaly

125.2460, 17.2830, 11.6750

Tritanomaly

125.9280, 36.0340, 18.7700

Monochromacy



Original Color

126.1930, 33.9700, 23.1380

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9140, 12.2860, 8.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.1930, 33.9700, 23.1380 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(173, 102, 128)` looks like.

```
.text, #text, p{  
    color:rgb(173, 102, 128)  
}
```

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(173, 102, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 102, 128) }
```

Border

The CSS property to change the border of an element to YIQ 126.1930, 33.9700, 23.1380 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(173, 102, 128) }
```


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

```
.border{ border-color:rgb(173, 102, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 102, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 102, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 102, 128);  
box-shadow:4px 4px 4px 4px rgb(173, 102,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 126.1930, 33.9700, 23.1380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 102, 128) }
```

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

```
.background{ background-color: rgb(173,  
102, 128) }
```

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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