

Converting Colors

YIQ(196.9800, 3.8930, 23.0690)

Have a look what the booklet for
YIQ(196.9800, 3.8930, 23.0690)
contains.

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Color

**YIQ(196.9800, 3.8930,
23.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B5E8
RGB	215, 181, 232
RGB Percent	84%, 71%, 91%
CMY	0.1567, 0.2902, 0.0902
CMYK	0.07, 0.22, 0.00, 0.09
HSL	280°, 53%, 81%
HSV	280°, 22%, 91%
XYZ	59.1184, 53.3193, 83.5151
YIQ	196.9800, 3.8930, 23.0690

Conversions

Conversions Part 2

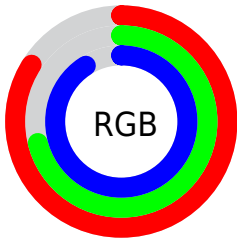
Format	Color
R _Y B	215, 181, 232
Decimal	14136808
CIE Lab	78.06, 21.36, -20.90
CIE LCh	78, 29.885, 315.629
Yxy	53.3193, 0.3017, 0.2721
Android (android.graphics.Color)	4292326888 (0xFFD7B5E8)
YUV	196.9800, 17.2649, 15.8035
Hunter-Lab	73.0200, 16.7319, -16.6977

Details

The YIQ color $196.9800, 3.8930, 23.0690$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $216.0200, -3.8930, -23.0690$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.4340, 4.9500, 9.4140$, and $143.0400, 3.6640, 21.7120$ is the 20% darker color. If you saturate the color by 10%, you get $181.0870, 5.4500, 33.4020$, and if you desaturate by 10%, it is $212.8730, 2.3360, 12.7360$.

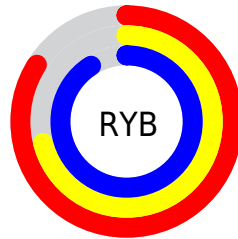
Distribution



Red (84%)

Green (71%)

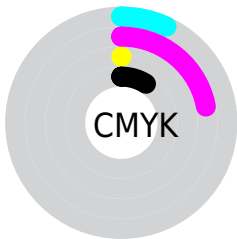
Blue (91%)



Red (84%)

Yellow (71%)

Blue (91%)

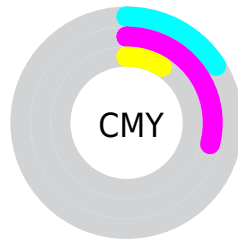


Cyan (7%)

Magenta (22%)

Yellow (0%)

Black (9%)



Cyan (16%)

Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.9800, 3.8930, 23.0690 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 196.9800, 3.8930, 23.0690 by changing the saturation by 10% instead.

■ 196.9800, 3.8930,
23.0690

■ 196.9800, 3.8930,
23.0690

255.0000, -0.0000,
-0.0000

■ 169.5670, 3.6180,
22.5460

■ 244.4340, 4.9500,
9.4140

■ 143.0400, 3.6640,
21.7120

■ 117.3280, 2.7930,
20.9770

■ 92.2140, 3.1140,
20.6660

■ 68.3880, 2.5640,
19.6200

■ 45.5620, 2.0140,
18.5740

■ 23.7360, 1.4640,

17.5280

■ 7.4210, -2.2030,
12.3970

■ 0.1140, -0.3210,
0.3110

■ 196.9800, 3.8930,
23.0690

■ 196.9800, 3.8930,
23.0690

■ 181.0870, 5.4500,
33.4020

■ 212.8730, 2.3360,
12.7360

■ 165.4930, 7.6030,
43.9470

■ 228.4670, 0.1830,
2.1910

■ 149.0130, 9.4350,
54.8030

■ 244.9470, -1.6490,
-8.6650

■ 133.1200, 10.9920,
65.1360

■ 249.6870, 2.0190,
-9.0610

■ 117.2270, 12.5490,
75.4690

■ 252.0790, 6.7870,
-7.3650

■ 101.6330, 14.7020,
86.0140

■ 252.3780, 7.3830,
-7.1530

■ 85.7400, 16.2590,
96.3470

■ 72.7930, 17.9080,
105.0120

Harmonies

Analogous

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



193.6820, -24.8070, 14.5610



196.9800, 3.8930, 23.0690



197.6100, 28.4220, 24.5660

Triad

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



196.9800, 3.8930, 23.0690



193.0040, 37.7350, -6.5610



179.7690, -57.1700, -21.1860

Complementary

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



196.9800, 3.8930, 23.0690



216.0200, -3.8930, -23.0690

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.



182.7530, -33.8780, -24.8060



196.9800, 3.8930, 23.0690



190.1000, 19.4890, -17.3030

Square

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



196.9800, 3.8930, 23.0690



194.8130, 46.1230, 6.6270



186.6500, -5.7270, -22.8710



180.8580, -64.3700, -11.8420

Rectangle

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



196.9800, 3.8930, 23.0690



197.2490, 39.5640, 20.8760



186.6500, -5.7270, -22.8710



180.4230, -50.3840, -23.0240

Sweetspot

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



196.9800, 3.8930, 23.0690



242.6400, 1.3740, 8.1420



196.7930, -21.0460, 6.9700



120.3470, 0.6410, 4.9050



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.



196.9800, 3.8930, 23.0690



209.6800, 5.0380, 29.8540



201.0370, 16.9140, 23.8740



106.7600, 0.9160, 5.4280



55.9870, 13.4650, 80.8970



15.9800, 3.8930, 23.0690

Inverse Universe

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



198.1870, 24.9390, 16.0990



211.2420, 32.2740, 20.8340



211.8490, -16.5930, -24.1850



107.0440, 5.8680, 3.7880



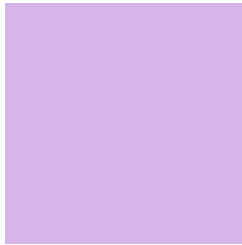
60.2470, 87.7450, 56.2970



17.1870, 24.9390, 16.0990

Previews

White Background



This preview shows how the YIQ color 196.9800, 3.8930, 23.0690 looks on a white background.

Color Contrast Check

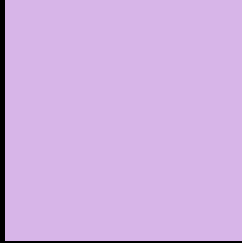
Large Text (above 18pt) WCAG AA × Fail

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 196.9800, 3.8930, 23.0690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

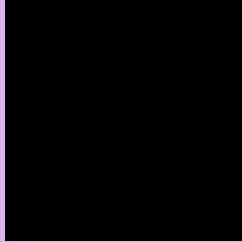
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.9800, 3.8930, 23.0690

Background



This preview shows how black text looks on a background with the YIQ color 196.9800, 3.8930, 23.0690.



This preview shows how white text looks on a background with the YIQ color 196.9800, 3.8930,

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

196.9800, 3.8930, 23.0690

Protanopia

193.7810, -20.7720, 13.0200

Deuteranopia

195.1690, -10.1810, 13.8110



Tritanopia

195.4730, 9.2140, 9.2300

Trichromacy



Original Color

196.9800, 3.8930, 23.0690

Protanomaly

194.6790, -11.5570, 16.7230

Deuteranomaly

195.9140, -4.9090, 17.3870

Tritanomaly

196.1510, 7.4250, 14.1210

Monochromacy



Original Color

196.9800, 3.8930, 23.0690

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.0530, 1.6490, 8.6650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.9800, 3.8930, 23.0690 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(215, 181, 232)` looks like.

```
.text, #text, p{  
    color:rgb(215, 181, 232)  
}
```

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(215, 181, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 181, 232) }
```

Border

The CSS property to change the border of an element to YIQ 196.9800, 3.8930, 23.0690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

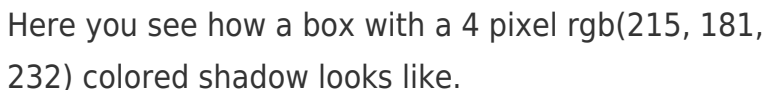
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 181, 232) }
```


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

```
.border{ border-color:rgb(215, 181, 232) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 181, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 181, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 181, 232);  
box-shadow:4px 4px 4px 4px rgb(215, 181,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 196.9800, 3.8930, 23.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 181, 232) }
```

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

```
.background{ background-color: rgb(215,  
181, 232) }
```

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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