

Converting Colors

YIQ(180.5780, 5.0850, 23.4930)

Have a look what the booklet for
YIQ(180.5780, 5.0850, 23.4930)
contains.

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Color

**YIQ(180.5780, 5.0850,
23.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A4D7
RGB	200, 164, 215
RGB Percent	78%, 64%, 84%
CMY	0.2156, 0.3569, 0.1569
CMYK	0.07, 0.24, 0.00, 0.16
HSL	282°, 39%, 74%
HSV	282°, 24%, 84%
XYZ	49.3653, 43.7351, 70.1265
YIQ	180.5780, 5.0850, 23.4930

Conversions

Conversions Part 2

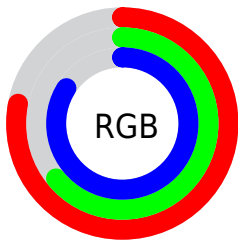
Format	Color
R_{YB}	200, 164, 215
Decimal	13149399
CIE _{Lab}	72.05, 22.38, -20.91
CIE _{LCh}	72, 30.627, 316.953
Yxy	43.7351, 0.3024, 0.2679
Android (android.graphics.Color)	4291339479 (0xFFC8A4D7)
YUV	180.5780, 16.9700, 17.0331
Hunter-Lab	66.1325, 17.5113, -16.5780

Details

The YIQ color $180.5780, 5.0850, 23.4930$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $198.4220, -5.0850, -23.4930$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.8680, 9.9000, 18.8280$, and $127.6380, 4.8560, 22.1360$ is the 20% darker color. If you saturate the color by 10%, you get $165.8700, 7.5590, 33.7270$, and if you desaturate by 10%, it is $194.6990, 2.8860, 13.7820$.

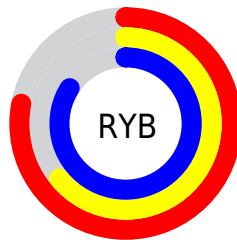
Distribution



Red (78%)

Green (64%)

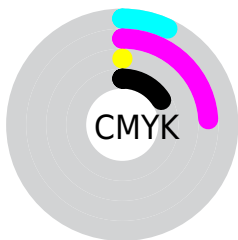
Blue (84%)



Red (78%)

Yellow (64%)

Blue (84%)

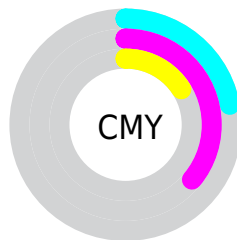


Cyan (7%)

Magenta (24%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (36%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.5780, 5.0850, 23.4930 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 180.5780, 5.0850, 23.4930 by changing the saturation by 10% instead.

180.5780, 5.0850,
23.4930

180.5780, 5.0850,
23.4930

255.0000, -0.0000,
-0.0000

153.7520, 4.5350,
22.4470

233.8680, 9.9000,
18.8280

127.6380, 4.8560,
22.1360

250.8910, 1.9250,
3.6610

102.2250, 4.5810,
21.6130

77.9860, 3.7560,
20.0440

54.5730, 3.4810,
19.5210

32.1600, 3.2060,
18.9980

12.8180, 4.1690,

18.0650

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 180.5780, 5.0850,
23.4930

■ 180.5780, 5.0850,
23.4930

■ 165.8700, 7.5590,
33.7270

■ 194.6990, 2.8860,
13.7820

■ 151.4500, 9.1620,
43.2260

■ 209.7060, 1.0080,
3.7600

■ 136.7420, 11.6360,
53.4600

■ 223.8270, -1.1910,
-5.9510

■ 122.6210, 13.8350,
63.1710

■ 238.5350, -3.6650,
-16.1850

107.6140, 15.7130,
73.1930

243.5630, -0.8680,
-17.3160

93.4930, 17.9120,
82.9040

245.3570, 2.7080,
-16.0440

78.7850, 20.3860,
93.1380

247.1510, 6.2840,
-14.7720

69.9580, 21.5770,
99.0890

248.9450, 9.8600,
-13.5000

250.4400, 12.8400,
-12.4400

Harmonies

Analogous

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



177.3940, -23.9360, 15.2960



180.5780, 5.0850, 23.4930



180.7950, 29.3390, 24.4670

Triad

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



180.5780, 5.0850, 23.4930



176.1780, 37.1850, -7.6070



161.8010, -60.1960, -21.4120

Complementary

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



180.5780, 5.0850, 23.4930



198.4220, -5.0850, -23.4930

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.



165.3830, -35.7120, -24.6080



180.5780, 5.0850, 23.4930



173.5020, 18.2970, -17.7270

Square

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



180.5780, 5.0850, 23.4930



178.2860, 46.1690, 5.7930



169.7530, -7.5150, -23.5070



162.8900, -67.3960, -12.0680

Rectangle

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



180.5780, 5.0850, 23.4930



180.4340, 40.4810, 20.7770



169.7530, -7.5150, -23.5070



162.7540, -52.8140, -23.0380

Sweetspot

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



180.5780, 5.0850, 23.4930



242.9390, 1.9700, 8.3540



178.6190, -20.4960, 8.0160



120.6460, 1.2370, 5.1170



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.



180.5780, 5.0850, 23.4930



207.0440, 7.0090, 32.6810



183.9230, 17.2350, 23.5630



99.6460, 1.2370, 5.1170



55.6730, 17.2250, 78.8330



14.1710, 4.6730, 19.9450

Inverse Universe

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



180.9590, 25.5810, 15.4770



207.6230, 35.5750, 21.5830



195.0770, -17.2350, -23.5630



99.7450, 5.2720, 3.5760



56.8290, 85.8660, 51.8020



14.3390, 21.4550, 13.1590

Previews

White Background



This preview shows how the YIQ color 180.5780, 5.0850, 23.4930 looks on a white background.

Color Contrast Check

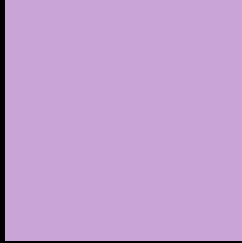
Large Text (above 18pt) WCAG AA × Fail

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 180.5780, 5.0850, 23.4930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

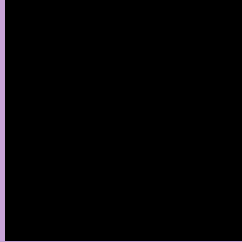
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.5780, 5.0850, 23.4930

Background



This preview shows how black text looks on a background with the YIQ color 180.5780, 5.0850, 23.4930.



This preview shows how white text looks on a background with the YIQ color 180.5780, 5.0850,

23.4930.

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

180.5780, 5.0850, 23.4930

Protanopia

177.4820, -21.3680, 12.8080

Deuteranopia

178.4570, -11.0520, 13.0760



Tritanopia

178.9570, 10.7270, 9.3430

Trichromacy



Original Color

180.5780, 5.0850, 23.4930

Protanomaly

178.6790, -11.5570, 16.7230

Deuteranomaly

179.5010, -5.1840, 16.8640

Tritanomaly

179.7490, 8.6170, 14.5450

Monochromacy



Original Color

180.5780, 5.0850, 23.4930

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.9390, 1.9700, 8.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.5780, 5.0850, 23.4930 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(200, 164, 215)` looks like.

```
.text, #text, p{  
    color:rgb(200, 164, 215)  
}
```

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(200, 164, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 164, 215) }
```

Border

The CSS property to change the border of an element to YIQ 180.5780, 5.0850, 23.4930 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(200, 164, 215) }
```


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

```
.border{ border-color:rgb(200, 164, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 164, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 164, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 164, 215);  
box-shadow:4px 4px 4px 4px rgb(200, 164,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 180.5780, 5.0850, 23.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 164, 215) }
```

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

```
.background{ background-color: rgb(200,  
164, 215) }
```

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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