

Converting Colors

YIQ(174.5780, 5.0850, 23.4930)

Have a look what the booklet for
YIQ(174.5780, 5.0850, 23.4930)
contains.

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Color

**YIQ(174.5780, 5.0850,
23.4930)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C29ED1 |
| RGB | 194, 158, 209 |
| RGB Percent | 76%, 62%, 82% |
| CMY | 0.2391, 0.3804, 0.1804 |
| CMYK | 0.07, 0.24, 0.00, 0.18 |
| HSL | 282°, 36%, 72% |
| HSV | 282°, 24%, 82% |
| XYZ | 45.9881, 40.5251, 65.7167 |
| YIQ | 174.5780, 5.0850, 23.4930 |

Conversions

Conversions Part 2

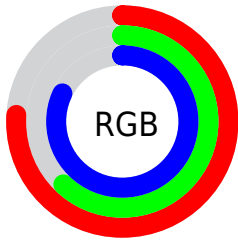
| Format | Color |
|-------------------------------------|--|
| RYB | 194, 158, 209 |
| Decimal | 12754641 |
| CIELab | 69.84, 22.52, -21.02 |
| CIElCh | 70, 30.804, 316.981 |
| Yxy | 40.5251, 0.3021, 0.2662 |
| Android (android.graphics.Color) | 4290944721 (0xFFC29ED1) |
| YUV | 174.5780, 16.9700, 17.0331 |
| Hunter-Lab | 63.6593, 17.5463, -16.6446 |

Details

The YIQ color $174.5780, 5.0850, 23.4930$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $192.4220, -5.0850, -23.4930$, and the grayscale version is $174.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $229.1500, 9.1660, 21.1180$, and $121.6380, 4.8560, 22.1360$ is the 20% darker color. If you saturate the color by 10%, you get $160.4570, 7.2840, 33.2040$, and if you desaturate by 10%, it is $188.6990, 2.8860, 13.7820$.

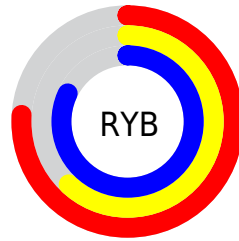
Distribution



Red (76%)

Green (62%)

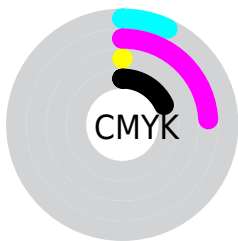
Blue (82%)



Red (76%)

Yellow (62%)

Blue (82%)

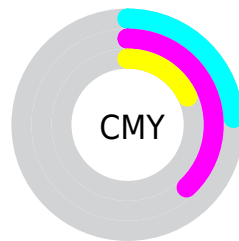


Cyan (7%)

Magenta (24%)

Yellow (0%)

Black (18%)



Cyan (24%)


Magenta (38%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 174.5780, 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 174.5780, 5.0850, 23.4930 by changing the saturation by 10% instead.

 174.5780, 5.0850,
23.4930


 174.5780, 5.0850,
23.4930


255.0000, -0.0000,
-0.0000

 148.0510, 5.1310,
22.6590

 229.1500, 9.1660,
21.1180

 121.6380, 4.8560,
22.1360

 246.7820, 3.8500,
7.3220

 96.8120, 4.3060,
21.0900

 72.3990, 4.0310,
20.5670

 49.5730, 3.4810,
19.5210

 27.7470, 2.9310,
18.4750

 11.4650, 3.6650,

16.1850

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 174.5780, 5.0850,
23.4930

■ 174.5780, 5.0850,
23.4930

■ 160.4570, 7.2840,
33.2040

■ 188.6990, 2.8860,
13.7820

■ 146.3360, 9.4830,
42.9150

■ 202.8200, 0.6870,
4.0710

■ 132.2150, 11.6820,
52.6260

■ 216.9410, -1.5120,
-5.6400

■ 118.0940, 13.8810,
62.3370

■ 231.3610, -3.1150,
-15.1390

103.6740, 15.4840,
71.8360

240.7860, -3.1140,
-20.6660

90.1400, 17.4080,
81.0240

242.5800, 0.4620,
-19.3940

76.0190, 19.6070,
90.7350

244.3740, 4.0380,
-18.1220

68.0780, 21.1190,
96.3750

246.1680, 7.6140,
-16.8500

247.9620, 11.1900,
-15.5780

Harmonies

Analogous

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



171.0950, -24.5320, 15.0840



174.5780, 5.0850, 23.4930



174.7950, 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.



174.5780, 5.0850, 23.4930



170.2920, 36.8640, -7.2960



155.5020, -60.7920, -21.6240

Complementary

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



174.5780, 5.0850, 23.4930



192.4220, -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.



159.3830, -35.7120, -24.6080



174.5780, 5.0850, 23.4930



167.5020, 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.



174.5780, 5.0850, 23.4930



172.2860, 46.1690, 5.7930



163.7530, -7.5150, -23.5070



156.5910, -67.9920, -12.2800

Rectangle

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



174.5780, 5.0850, 23.4930



174.4340, 40.4810, 20.7770



163.7530, -7.5150, -23.5070



156.4550, -53.4100, -23.2500

Sweetspot

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



174.5780, 5.0850, 23.4930



242.9390, 1.9700, 8.3540



172.6190, -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.



174.5780, 5.0850, 23.4930



204.9840, 7.2380, 34.0380



177.9230, 17.2350, 23.5630



97.3470, 0.6410, 4.9050



54.7330, 16.9960, 77.4760



13.3450, 4.1230, 18.8990

Inverse Universe

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



174.9590, 25.5810, 15.4770



205.6340, 37.0420, 22.5300



189.0770, -17.2350, -23.5630



97.6310, 5.5930, 3.2650



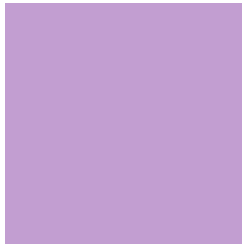
55.8180, 84.3990, 50.8550



13.6270, 20.5840, 12.4240

Previews

White Background



This preview shows how the YIQ color 174.5780, 5.0850, 23.4930 looks on a white background.

Color Contrast Check

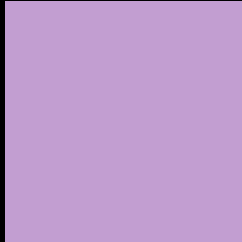
Large Text (above 18pt) WCAG AA × Fail

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 174.5780, 5.0850, 23.4930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

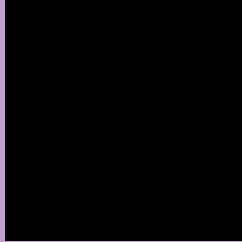
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.5780, 5.0850, 23.4930

Background



This preview shows how black text looks on a background with the YIQ color 174.5780, 5.0850, 23.4930.



This preview shows how white text looks on a background with the YIQ color 174.5780, 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

174.5780, 5.0850, 23.4930

Protanopia

171.4820, -21.3680, 12.8080

Deuteranopia

172.1580, -11.6480, 12.8640



Tritanopia

172.9570, 10.7270, 9.3430

Trichromacy



Original Color

174.5780, 5.0850, 23.4930

Protanomaly

172.6790, -11.5570, 16.7230

Deuteranomaly

173.2020, -5.7800, 16.6520

Tritanomaly

173.7490, 8.6170, 14.5450

Monochromacy



Original Color

174.5780, 5.0850, 23.4930

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.9390, 1.9700, 8.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.5780, 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(194, 158, 209)` looks like.

```
.text, #text, p{  
    color:rgb(194, 158, 209)  
}
```

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(194, 158, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 158, 209) }
```

Border

The CSS property to change the border of an element to YIQ 174.5780, 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(194, 158, 209) }
```


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

```
.border{ border-color:rgb(194, 158, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 158, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 158, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 158, 209);  
box-shadow:4px 4px 4px 4px rgb(194, 158,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 174.5780, 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(194, 158, 209) }
```

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

```
.background{ background-color: rgb(194,  
158, 209) }
```

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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