

Converting Colors

YIQ(145.5780, 5.0850, 23.4930)

Have a look what the booklet for
YIQ(145.5780, 5.0850, 23.4930)
contains.

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Color

**YIQ(145.5780, 5.0850,
23.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	A581B4
RGB	165, 129, 180
RGB Percent	65%, 51%, 71%
CMY	0.3528, 0.4942, 0.2941
CMYK	0.08, 0.28, 0.00, 0.29
HSL	282°, 25%, 61%
HSV	282°, 28%, 71%
XYZ	31.6093, 26.9942, 46.7218
YIQ	145.5780, 5.0850, 23.4930

Conversions

Conversions Part 2

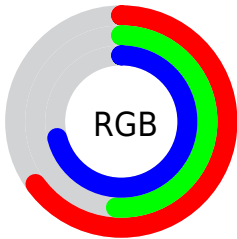
Format	Color
R_{YB}	165, 129, 180
Decimal	10846644
CIE _{Lab}	58.97, 23.27, -21.59
CIE _{LCh}	59, 31.748, 317.141
Yxy	26.9942, 0.3001, 0.2563
Android (android.graphics.Color)	4289036724 (0xFFA581B4)
YUV	145.5780, 16.9700, 17.0331
Hunter-Lab	51.9559, 17.6741, -16.9479

Details

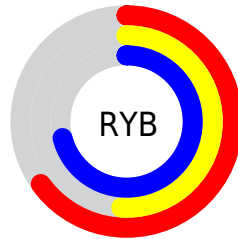
The YIQ color **145.5780, 5.0850, 23.4930** is a light color, and the websafe version is hex **996699**. A complement of this color would be **163.4220, -5.0850, -23.4930**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.8170, 5.9100, 25.0620**, and **94.3390, 4.2600, 21.9240** is the 20% darker color. If you saturate the color by 10%, you get **133.5170, 7.0550, 31.8470**, and if you desaturate by 10%, it is **157.6390, 3.1150, 15.1390**.

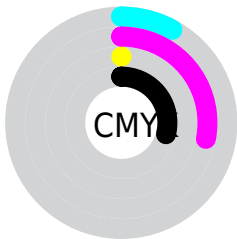
Distribution



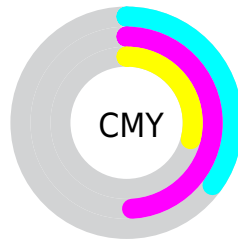
- Red (65%)
- Green (51%)
- Blue (71%)



- Red (65%)
- Yellow (51%)
- Blue (71%)



- Cyan (8%)
- Magenta (28%)
- Yellow (0%)
- Black (29%)



- Cyan (35%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.5780, 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 145.5780, 5.0850, 23.4930 by changing the saturation by 10% instead.

■ 145.5780, 5.0850,
23.4930

■ 145.5780, 5.0850,
23.4930

255.0000, -0.0000,
-0.0000

■ 119.7520, 4.5350,
22.4470

■ 199.8170, 5.9100,
25.0620

■ 94.6380, 4.8560,
22.1360

■ 226.7910, 8.7990,
22.2630

■ 70.8120, 4.3060,
21.0900

■ 245.0210, 4.6750,
8.8910

■ 47.6870, 3.1600,
19.8320

■ 25.2740, 2.8850,
19.3090

■ 10.0410, 1.9230,
14.7150

■ 0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 145.5780, 5.0850,
23.4930

■ 145.5780, 5.0850,
23.4930

■ 133.5170, 7.0550,
31.8470

■ 157.6390, 3.1150,
15.1390

■ 121.1570, 8.4290,
39.9890

■ 169.9990, 1.7410,
6.9970

■ 109.0960, 10.3990,
48.3430

■ 182.0600, -0.2290,
-1.3570

■ 97.0350, 12.3690,
56.6970

■ 194.1210, -2.1990,
-9.7110

■ 84.9740, 14.3390,
65.0510

■ 206.1820, -4.1690,
-18.0650

72.6140, 15.7130,
73.1930

218.5420, -5.5430,
-26.2070

60.5530, 17.6830,
81.5470

230.6030, -7.5130,
-34.5610

58.4930, 17.9120,
82.9040

232.0980, -4.5330,
-33.5010

233.8920, -0.9570,
-32.2290

Harmonies

Analogous

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



142.0950, -24.5320, 15.0840



145.5780, 5.0850, 23.4930



145.7950, 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.



145.5780, 5.0850, 23.4930



140.9930, 36.2680, -7.5080



122.6150, -68.5400, -24.3800

Complementary

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



145.5780, 5.0850, 23.4930



163.4220, -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.



129.6000, -37.8210, -24.9330



145.5780, 5.0850, 23.4930



138.2030, 17.7010, -17.9390

Square

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



145.5780, 5.0850, 23.4930



142.9870, 45.5730, 5.5810



134.7530, -7.5150, -23.5070



122.8070, -77.5280, -15.6720

Rectangle

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



145.5780, 5.0850, 23.4930



144.5480, 40.1600, 21.0880



134.7530, -7.5150, -23.5070



124.8780, -59.0950, -24.8470

Sweetspot

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



145.5780, 5.0850, 23.4930



219.9930, 1.8780, 10.0220



143.6190, -20.4960, 8.0160



108.4720, 1.7870, 6.1630



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



145.5780, 5.0850, 23.4930



180.8640, 7.6960, 36.7520



148.9230, 17.2350, 23.5630



83.1190, 1.2830, 4.2830



49.7340, 15.2550, 70.4790



8.3460, 2.3820, 11.9020

Inverse Universe

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



145.9590, 25.5810, 15.4770



181.5420, 40.2970, 24.1130



160.0770, -17.2350, -23.5630



83.0330, 4.4010, 2.8410



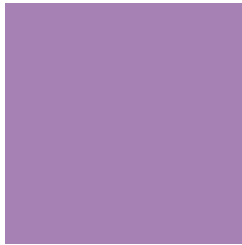
50.8770, 76.7430, 46.4310



8.5720, 13.2490, 7.6890

Previews

White Background



This preview shows how the YIQ color 145.5780, 5.0850, 23.4930 looks on a white background.

Color Contrast Check

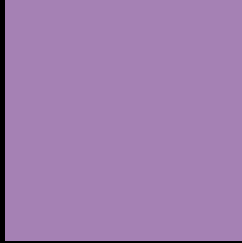
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.5780, 5.0850, 23.4930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

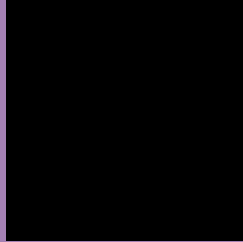
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.5780, 5.0850, 23.4930

Background



This preview shows how black text looks on a background with the YIQ color 145.5780, 5.0850, 23.4930.



This preview shows how white text looks on a background with the YIQ color 145.5780, 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

145.5780, 5.0850, 23.4930

Protanopia

142.1830, -21.9640, 12.5960

Deuteranopia

142.8480, -13.7110, 11.7050



Tritanopia

143.7290, 11.3690, 8.7210

Trichromacy



Original Color

145.5780, 5.0850, 23.4930

Protanomaly

143.3800, -12.1530, 16.5110

Deuteranomaly

143.6040, -6.9720, 16.2280

Tritanomaly

144.5210, 9.2590, 13.9230

Monochromacy



Original Color

145.5780, 5.0850, 23.4930

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9390, 1.9700, 8.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.5780, 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(165, 129, 180)` looks like.

```
.text, #text, p{  
    color:rgb(165, 129, 180)  
}
```

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(165, 129, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 129, 180) }
```

Border

The CSS property to change the border of an element to YIQ 145.5780, 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(165, 129, 180) }
```


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

```
.border{ border-color:rgb(165, 129, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 129, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 129, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 129, 180);  
box-shadow:4px 4px 4px 4px rgb(165, 129,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 145.5780, 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(165, 129, 180) }
```

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

```
.background{ background-color: rgb(165,  
129, 180) }
```

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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