

Converting Colors

YIQ(146.0250, 17.1880, 29.9240)

Have a look what the booklet for
YIQ(146.0250, 17.1880, 29.9240)
contains.

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Color

**YIQ(146.0250, 17.1880,
29.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	B57AB2
RGB	181, 122, 178
RGB Percent	71%, 48%, 70%
CMY	0.2900, 0.5216, 0.3019
CMYK	0.00, 0.33, 0.02, 0.29
HSL	303°, 29%, 59%
HSV	303°, 33%, 71%
XYZ	34.0596, 26.9568, 45.5309
YIQ	146.0250, 17.1880, 29.9240

Conversions

Conversions Part 2

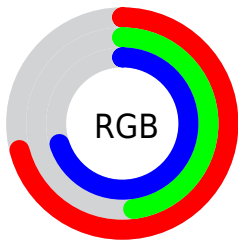
Format	Color
R _Y B	181, 122, 178
Decimal	11893426
CIE Lab	58.93, 32.15, -20.36
CIE LCh	59, 38.056, 327.653
Yxy	26.9568, 0.3197, 0.2530
Android (android.graphics.Color)	4290083506 (0xFFB57AB2)
YUV	146.0250, 15.7637, 30.6731
Hunter-Lab	51.9199, 26.2365, -15.6501

Details

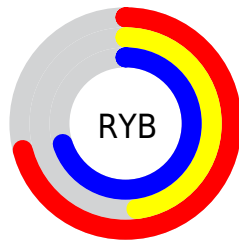
The YIQ color **146.0250, 17.1880, 29.9240** is a light color, and the websafe version is hex **996699**. A complement of this color would be **156.9750, -17.1880, -29.9240**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.5630, 18.6090, 31.7050**, and **94.4870, 15.7670, 28.1430** is the 20% darker color. If you saturate the color by 10%, you get **135.3450, 22.4590, 39.0270**, and if you desaturate by 10%, it is **156.7050, 11.9170, 20.8210**.

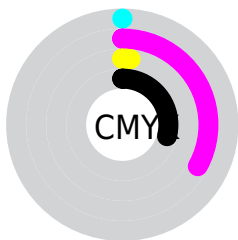
Distribution



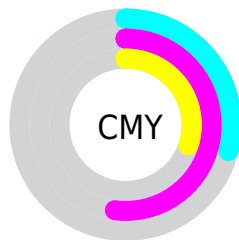
- Red (71%)
- Green (48%)
- Blue (70%)



- Red (71%)
- Yellow (48%)
- Blue (70%)



- Cyan (0%)
- Magenta (33%)
- Yellow (2%)
- Black (29%)





- Cyan (29%)
- Magenta (52%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.0250, 17.1880, 29.9240 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 146.0250, 17.1880, 29.9240 by changing the saturation by 10% instead.


 146.0250, 17.1880,
29.9240


 146.0250, 17.1880,
29.9240


255.0000, -0.0000,
-0.0000


 120.1990, 16.6380,
28.8780


 200.5630, 18.6090,
31.7050


 94.4870, 15.7670,
28.1430


 224.4760, 14.3000,
27.1960

 69.7750, 14.8960,
27.4080

 240.9120, 6.6000,
12.5520

 45.4760, 14.3000,
27.1960

 21.5900, 13.9790,
27.5070

 13.5150, 9.3960,
16.9480

 0.3420, -0.9630,

0.9330

0.0000, 0.0000,
0.0000

146.0250, 17.1880,
29.9240

146.0250, 17.1880,
29.9240

135.3450, 22.4590,
39.0270

156.7050, 11.9170,
20.8210

124.6650, 27.7300,
48.1300

167.3850, 6.6460,
11.7180

113.9850, 33.0010,
57.2330

178.0650, 1.3750,
2.6150

103.3050, 38.2720,
66.3360

188.7450, -3.8960,
-6.4880

92.0380, 43.8180,
75.9620

200.0120, -9.4420,
-16.1140

81.3580, 49.0890,
85.0650

210.6920,
-14.7130, -25.2170

73.7270, 52.6640,
91.8640

221.3720,
-19.9840, -34.3200

224.8940,
-21.6340, -37.4580

225.0080,
-21.9550, -37.1470

Harmonies

Analogous

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



143.7310, -17.3350, 22.3210



146.0250, 17.1880, 29.9240



144.5470, 41.9010, 28.0850

Triad

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



146.0250, 17.1880, 29.9240



139.3640, 36.3610, -14.7030



112.9410, -98.9370, -29.6650

Complementary

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



146.0250, 17.1880, 29.9240



156.9750, -17.1880, -29.9240

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.



118.6330, -68.9510, -33.4550



146.0250, 17.1880, 29.9240



135.8660, 11.1000, -24.9640

Square

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



146.0250, 17.1880, 29.9240



141.4620, 51.3050, 0.8170



130.7510, -22.3690, -29.6410



112.8560, -105.5870, -19.2750

Rectangle

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



146.0250, 17.1880, 29.9240



143.7080, 51.3930, 21.2570



130.7510, -22.3690, -29.6410



111.6870, -95.4060, -33.0860

Sweetspot

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



146.0250, 17.1880, 29.9240



220.6840, 7.2420, 11.9300



129.6230, -17.1510, 18.9850



108.7820, 3.8500, 7.3220



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.



146.0250, 17.1880, 29.9240



180.4260, 26.9050, 46.5610



142.7190, 26.4970, 20.9050



83.7170, 2.4750, 4.7070



62.2770, 44.6430, 77.5310



10.5100, 7.7920, 12.9760

Inverse Universe

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



146.0250, 17.1880, 29.9240



180.4260, 26.9050, 46.5610



160.2810, -26.4970, -20.9050



83.7170, 2.4750, 4.7070



62.2770, 44.6430, 77.5310



10.5100, 7.7920, 12.9760

Previews

White Background



This preview shows how the YIQ color 146.0250, 17.1880, 29.9240 looks on a white background.

Color Contrast Check

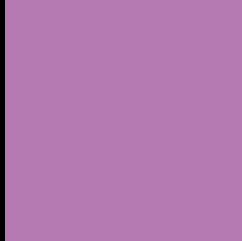
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.0250, 17.1880, 29.9240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

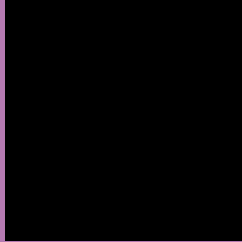
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.0250, 17.1880, 29.9240

Background



This preview shows how black text looks on a background with the YIQ color 146.0250, 17.1880, 29.9240.



This preview shows how white text looks on a background with the YIQ color 146.0250, 17.1880,

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

146.0250, 17.1880, 29.9240

Protanopia

142.2260, -23.5230, 13.3170

Deuteranopia

143.1040, -11.5560, 11.1960



Tritanopia

144.7800, 24.5270, 12.5510

Trichromacy



Original Color

146.0250, 17.1880, 29.9240

Protanomaly

143.2280, -8.6690, 19.4510

Deuteranomaly

144.1810, -1.2870, 17.8250

Tritanomaly

145.2130, 22.0500, 18.8980

Monochromacy



Original Color

146.0250, 17.1880, 29.9240

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9720, 6.3710, 11.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.0250, 17.1880, 29.9240 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(181, 122, 178)` looks like.

```
.text, #text, p{  
    color:rgb(181, 122, 178)  
}
```

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(181, 122, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 122, 178) }
```

Border

The CSS property to change the border of an element to YIQ 146.0250, 17.1880, 29.9240 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(181, 122, 178) }
```


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

```
.border{ border-color:rgb(181, 122, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 122, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 122, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 122, 178);  
box-shadow:4px 4px 4px 4px rgb(181, 122,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 146.0250, 17.1880, 29.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 122, 178) }
```

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

```
.background{ background-color: rgb(181,  
122, 178) }
```

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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