

Converting Colors

YIQ(145.6110, 9.4860, 26.3340)

Have a look what the booklet for
YIQ(145.6110, 9.4860, 26.3340)
contains.

YIQ(145.6110, 9.4860, 26.3340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(145.6110, 9.4860,
26.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7EB4
RGB	171, 126, 180
RGB Percent	67%, 49%, 71%
CMY	0.3293, 0.5059, 0.2941
CMYK	0.05, 0.30, 0.00, 0.29
HSL	290°, 26%, 60%
HSV	290°, 30%, 71%
XYZ	32.4990, 26.8741, 46.6538
YIQ	145.6110, 9.4860, 26.3340

Conversions

Conversions Part 2

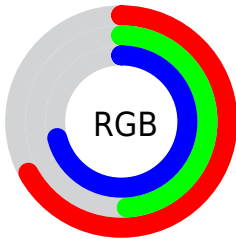
Format	Color
RYB	171, 126, 180
Decimal	11239092
CIELab	58.86, 26.97, -21.71
CIELCh	59, 34.626, 321.165
Yxy	26.8741, 0.3065, 0.2535
Android (android.graphics.Color)	4289429172 (0xFFAB7EB4)
YUV	145.6110, 16.9538, 22.2662
Hunter-Lab	51.8402, 21.1823, -17.0700

Details

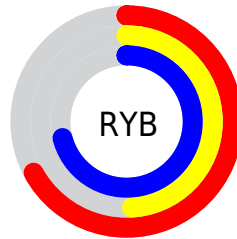
The YIQ color $145.6110, 9.4860, 26.3340$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $160.3890, -9.4860, -26.3340$, and the grayscale version is $145.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $199.8500, 10.3110, 27.9030$, and $94.3720, 8.6610, 24.7650$ is the 20% darker color. If you saturate the color by 10%, you get $134.1480, 12.6480, 35.1120$, and if you desaturate by 10%, it is $157.0740, 6.3240, 17.5560$.

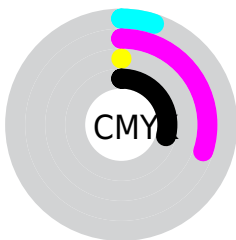
Distribution



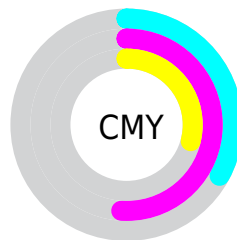
- Red (67%)
- Green (49%)
- Blue (71%)



- Red (67%)
- Yellow (49%)
- Blue (71%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.6110, 9.4860, 26.3340 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 145.6110, 9.4860, 26.3340 by changing the saturation by 10% instead.

■ 145.6110, 9.4860,
26.3340

■ 145.6110, 9.4860,
26.3340

■ 255.0000, -0.0000,
-0.0000

■ 119.7850, 8.9360,
25.2880

■ 199.8500, 10.3110,
27.9030

■ 94.3720, 8.6610,
24.7650

■ 226.8240, 13.2000,
25.1040

■ 70.5460, 8.1110,
23.7190

■ 243.2600, 5.5000,
10.4600

■ 46.8340, 7.2400,
22.9840

■ 23.8340, 7.2400,
22.9840

■ 11.5360, 4.9030,
15.7750

■ 0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 145.6110, 9.4860,
26.3340

■ 145.6110, 9.4860,
26.3340

■ 134.1480, 12.6480,
35.1120

■ 157.0740, 6.3240,
17.5560

■ 122.6850, 15.8100,
43.8900

■ 168.5370, 3.1620,
8.7780

■ 111.2220, 18.9720,
52.6680

■ 180.0000, -0.0000,
-0.0000

■ 99.7590, 22.1340,
61.4460

■ 191.4630, -3.1620,
-8.7780

■ 88.2960, 25.2960,
70.2240

■ 202.9260, -6.3240,
-17.5560

■ 76.8330, 28.4580,
79.0020

■ 214.3890, -9.4860,
-26.3340

■ 65.3700, 31.6200,
87.7800

■ 225.8520,
-12.6480, -35.1120

■ 228.5100,
-11.6850, -36.0450

■ 229.4070, -9.8970,
-35.4090

Harmonies

Analogous

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



142.4590, -22.5610, 17.9110



145.6110, 9.4860, 26.3340



145.1870, 34.1070, 26.1630

Triad

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



145.6110, 9.4860, 26.3340



140.1840, 37.0480, -10.6320



111.2140, -95.4520, -32.2520

Complementary

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



145.6110, 9.4860, 26.3340



160.3890, -9.4860, -26.3340

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.



125.9300, -47.6780, -28.0140



145.6110, 9.4860, 26.3340



137.1380, 16.3260, -20.5540

Square

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



145.6110, 9.4860, 26.3340



141.9010, 48.6910, 4.1390



132.8340, -12.2370, -26.0370



112.4280, -101.5060, -21.6500

Rectangle

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



145.6110, 9.4860, 26.3340



144.0000, 44.6990, 21.4270



132.8340, -12.2370, -26.0370



117.5490, -77.3420, -30.0620

Sweetspot

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



145.6110, 9.4860, 26.3340



220.8900, 3.6660, 10.6580



137.4390, -19.8090, 12.0870



108.7710, 2.3830, 6.3750



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.



145.6110, 9.4860, 26.3340



180.9190, 15.0310, 41.4870



146.2500, 20.6280, 22.6440



83.4180, 1.8790, 4.4950



55.7140, 27.1750, 74.7190



9.2430, 4.1700, 12.5380

Inverse Universe

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



143.1720, 29.2950, 14.2470



177.0110, 46.1660, 22.3740



159.7500, -20.6280, -22.6440



82.9190, 4.7220, 2.5300



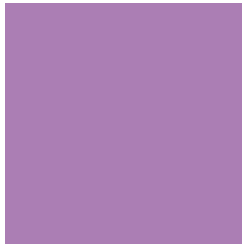
48.5970, 83.1630, 40.2110



8.2300, 14.2120, 6.7560

Previews

White Background



This preview shows how the YIQ color 145.6110, 9.4860, 26.3340 looks on a white background.

Color Contrast Check

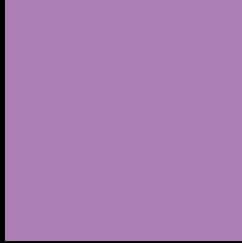
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.6110, 9.4860, 26.3340 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 145.6110, 9.4860, 26.3340

Background



This preview shows how black text looks on a background with the YIQ color 145.6110, 9.4860, 26.3340.



This preview shows how white text looks on a background with the YIQ color 145.6110, 9.4860,

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

145.6110, 9.4860, 26.3340

Protanopia

142.1120, -23.2020, 13.0060

Deuteranopia

142.7340, -13.3900, 11.3940



Tritanopia

144.0070, 16.4580, 10.1060

Trichromacy



Original Color

145.6110, 9.4860, 26.3340

Protanomaly

143.5050, -11.0070, 17.7690

Deuteranomaly

143.5010, -5.1840, 16.8640

Tritanomaly

144.3260, 14.3020, 16.1420

Monochromacy



Original Color

145.6110, 9.4860, 26.3340

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9500, 3.4370, 9.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.6110, 9.4860, 26.3340 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(171, 126, 180)` looks like.

```
.text, #text, p{  
    color:rgb(171, 126, 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(171, 126, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 126, 180) }
```

Border

The CSS property to change the border of an element to YIQ 145.6110, 9.4860, 26.3340 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(171, 126, 180) }
```


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

```
.border{ border-color:rgb(171, 126, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 126, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 126, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 126, 180);  
box-shadow:4px 4px 4px 4px rgb(171, 126,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 145.6110, 9.4860, 26.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 126, 180) }
```

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

```
.background{ background-color: rgb(171,  
126, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor