

Converting Colors

YIQ(146.7860, 16.3630, 28.3550)

Have a look what the booklet for
YIQ(146.7860, 16.3630, 28.3550)
contains.

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Color

**YIQ(146.7860, 16.3630,
28.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	B47CB1
RGB	180, 124, 177
RGB Percent	71%, 49%, 69%
CMY	0.2939, 0.5138, 0.3059
CMYK	0.00, 0.31, 0.02, 0.29
HSL	303°, 27%, 60%
HSV	303°, 31%, 71%
XYZ	33.9734, 27.2924, 45.0755
YIQ	146.7860, 16.3630, 28.3550

Conversions

Conversions Part 2

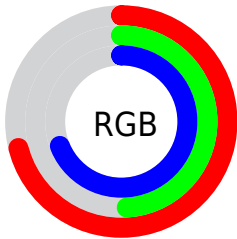
Format	Color
RYB	180, 124, 177
Decimal	11828401
CIELab	59.24, 30.52, -19.33
CIElCh	59, 36.122, 327.652
Yxy	27.2924, 0.3195, 0.2566
Android (android.graphics.Color)	4290018481 (0xFFB47CB1)
YUV	146.7860, 14.8955, 29.1287
Hunter-Lab	52.2421, 24.6560, -14.5871

Details

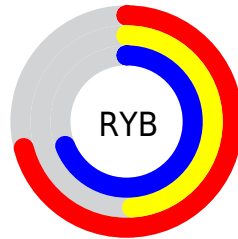
The YIQ color **146.7860, 16.3630, 28.3550** is a light color, and the websafe version is hex **996699**. A complement of this color would be **157.2140, -16.3630, -28.3550**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3240, 17.7840, 30.1360**, and **95.2480, 14.9420, 26.5740** is the 20% darker color. If you saturate the color by 10%, you get **136.1060, 21.6340, 37.4580**, and if you desaturate by 10%, it is **157.4660, 11.0920, 19.2520**.

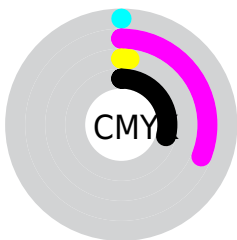
Distribution



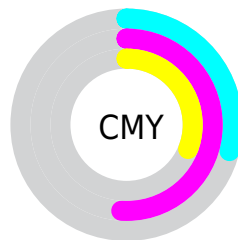
- Red (71%)
- Green (49%)
- Blue (69%)



- Red (71%)
- Yellow (49%)
- Blue (69%)



- Cyan (0%)
- Magenta (31%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.7860, 16.3630, 28.3550 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 146.7860, 16.3630, 28.3550 by changing the saturation by 10% instead.

■ 146.7860, 16.3630,
28.3550

■ 146.7860, 16.3630,
28.3550

■ 255.0000, -0.0000,
-0.0000

■ 120.9600, 15.8130,
27.3090

■ 201.3240, 17.7840,
30.1360

■ 95.2480, 14.9420,
26.5740

■ 225.6500, 13.7500,
26.1500

■ 70.8350, 14.6670,
26.0510

■ 242.0860, 6.0500,
11.5060

■ 47.1230, 13.7960,
25.3160

■ 23.2370, 13.4750,
25.6270

■ 13.4010, 9.7170,
16.6370

■ 0.2280, -0.6420,

0.6220

0.0000, 0.0000,
0.0000

146.7860, 16.3630,
28.3550

146.7860, 16.3630,
28.3550

136.1060, 21.6340,
37.4580

157.4660, 11.0920,
19.2520

125.4260, 26.9050,
46.5610

168.1460, 5.8210,
10.1490

114.7460, 32.1760,
55.6640

178.8260, 0.5500,
1.0460

104.0660, 37.4470,
64.7670

189.5060, -4.7210,
-8.0570

93.3860, 42.7180,
73.8700

200.1860, -9.9920,
-17.1600

■ 82.7060, 47.9890,
82.9730

■ 210.8660,
-15.2630, -26.2630

■ 73.2000, 52.7100,
91.0300

■ 221.5460,
-20.5340, -35.3660

■ 224.5950,
-22.2300, -37.6700

■ 224.7090,
-22.5510, -37.3590

Harmonies

Analogous

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



144.3890, -16.3720, 21.3880



146.7860, 16.3630, 28.3550



145.7100, 39.8840, 26.0920

Triad

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



146.7860, 16.3630, 28.3550



140.4070, 34.8020, -13.9820



112.8270, -98.6160, -29.9760

Complementary

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



146.7860, 16.3630, 28.3550



157.2140, -16.3630, -28.3550

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.



122.9330, -60.9280, -30.1760



146.7860, 16.3630, 28.3550



137.5070, 10.7330, -23.8190

Square

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



146.7860, 16.3630, 28.3550



142.7930, 48.8750, 0.8030



132.2890, -20.9480, -27.8600



113.5140, -104.6240, -20.2080

Rectangle

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



146.7860, 16.3630, 28.3550



144.5120, 49.0090, 20.4090



132.2890, -20.9480, -27.8600



111.6870, -95.4060, -33.0860

Sweetspot

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



146.7860, 16.3630, 28.3550



221.8580, 6.6920, 10.8840



131.2810, -16.1880, 18.0520



109.3690, 3.5750, 6.7990



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.



146.7860, 16.3630, 28.3550



183.3610, 25.5300, 43.9460



143.5940, 25.3510, 19.6470



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.



146.7860, 16.3630, 28.3550



183.3610, 25.5300, 43.9460



160.4060, -25.3510, -19.6470



83.7170, 2.4750, 4.7070



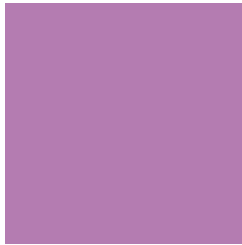
62.2770, 44.6430, 77.5310



10.5100, 7.7920, 12.9760

Previews

White Background



This preview shows how the YIQ color 146.7860, 16.3630, 28.3550 looks on a white background.

Color Contrast Check

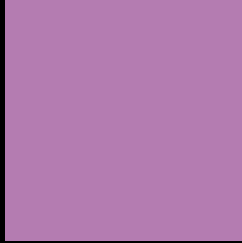
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.7860, 16.3630, 28.3550 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 146.7860, 16.3630, 28.3550

Background



This preview shows how black text looks on a background with the YIQ color 146.7860, 16.3630, 28.3550.



This preview shows how white text looks on a background with the YIQ color 146.7860, 16.3630,

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

146.7860, 16.3630, 28.3550

Protanopia

143.1830, -21.9640, 12.5960

Deuteranopia

144.1750, -10.3180, 10.7860



Tritanopia

145.2960, 23.0140, 12.4380

Trichromacy



Original Color

146.7860, 16.3630, 28.3550

Protanomaly

144.5870, -8.3020, 18.3060

Deuteranomaly

144.9530, -0.6450, 17.2030

Tritanomaly

145.6150, 20.8580, 18.4740

Monochromacy



Original Color

146.7860, 16.3630, 28.3550

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.1460, 5.8210, 10.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.7860, 16.3630, 28.3550 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(180, 124, 177)` looks like.

```
.text, #text, p{  
    color:rgb(180, 124, 177)  
}
```

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(180, 124, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 124, 177) }
```

Border

The CSS property to change the border of an element to YIQ 146.7860, 16.3630, 28.3550 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(180, 124, 177) }
```


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

```
.border{ border-color:rgb(180, 124, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 124, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 124, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 124, 177);  
box-shadow:4px 4px 4px 4px rgb(180, 124,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 146.7860, 16.3630, 28.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 124, 177) }
```

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

```
.background{ background-color: rgb(180,  
124, 177) }
```

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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