

Converting Colors

YIQ(145.3840, 17.5550, 28.7790)

Have a look what the booklet for
YIQ(145.3840, 17.5550, 28.7790)
contains.

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Color

**YIQ(145.3840, 17.5550,
28.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	B47AAF
RGB	180, 122, 175
RGB Percent	71%, 48%, 69%
CMY	0.2939, 0.5216, 0.3137
CMYK	0.00, 0.32, 0.03, 0.29
HSL	305°, 28%, 59%
HSV	305°, 32%, 71%
XYZ	33.5277, 26.7171, 43.9510
YIQ	145.3840, 17.5550, 28.7790

Conversions

Conversions Part 2

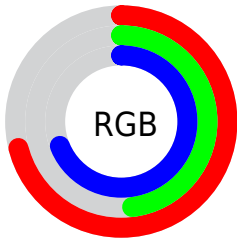
Format	Color
R_{YB}	180, 122, 175
Decimal	11827887
CIE _{Lab}	58.71, 31.25, -19.00
CIE _{LCh}	59, 36.572, 328.708
Yxy	26.7171, 0.3218, 0.2564
Android (android.graphics.Color)	4290017967 (0xFFB47AAF)
YUV	145.3840, 14.6007, 30.3582
Hunter-Lab	51.6886, 25.3287, -14.2325

Details

The YIQ color **145.3840, 17.5550, 28.7790** is a light color, and the websafe version is hex **996699**. A complement of this color would be **156.6160, -17.5550, -28.7790**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.9220, 18.9760, 30.5600**, and **93.8460, 16.1340, 26.9980** is the 20% darker color. If you saturate the color by 10%, you get **134.5900, 23.1470, 37.5710**, and if you desaturate by 10%, it is **156.1780, 11.9630, 19.9870**.

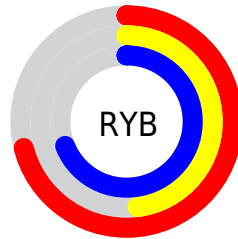
Distribution



Red (71%)

Green (48%)

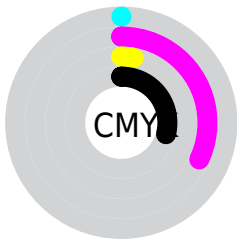
Blue (69%)



Red (71%)

Yellow (48%)

Blue (69%)

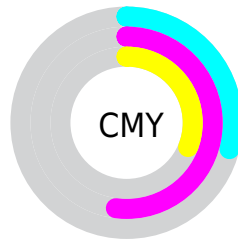


Cyan (0%)

Magenta (32%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (52%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.3840, 17.5550, 28.7790 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 145.3840, 17.5550, 28.7790 by changing the saturation by 10% instead.

■ 145.3840, 17.5550,
28.7790

■ 145.3840, 17.5550,
28.7790

■ 255.0000, -0.0000,
-0.0000

■ 119.5580, 17.0050,
27.7330

■ 199.9220, 18.9760,
30.5600

■ 93.8460, 16.1340,
26.9980

■ 224.4760, 14.3000,
27.1960

■ 69.1340, 15.2630,
26.2630

■ 240.9120, 6.6000,
12.5520

■ 45.7210, 14.9880,
25.7400

■ 21.6500, 13.7500,
26.1500

■ 12.9880, 9.4420,
16.1140

■ 0.0000, 0.0000,

0.0000

■ 145.3840, 17.5550,
28.7790

■ 145.3840, 17.5550,
28.7790

■ 134.5900, 23.1470,
37.5710

■ 156.1780, 11.9630,
19.9870

■ 123.9100, 28.4180,
46.6740

■ 166.8580, 6.6920,
10.8840

■ 113.1160, 34.0100,
55.4660

■ 177.6520, 1.1000,
2.0920

■ 102.4360, 39.2810,
64.5690

■ 188.3320, -4.1710,
-7.0110

■ 91.6420, 44.8730,
73.3610

■ 199.1260, -9.7630,
-15.8030

■ 80.9620, 50.1440,
82.4640

■ 209.8060,
-15.0340, -24.9060

■ 72.5160, 54.6360,
89.1640

■ 220.6000,
-20.6260, -33.6980

■ 224.9370,
-23.1930, -36.7370

■ 225.0510,
-23.5140, -36.4260

Harmonies

Analogous

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



142.9870, -15.1800, 21.8120



145.3840, 17.5550, 28.7790



144.3080, 41.0760, 26.5160

Triad

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



145.3840, 17.5550, 28.7790



138.9940, 34.5270, -14.5050



111.6530, -98.0660, -28.9300

Complementary

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



145.3840, 17.5550, 28.7790



156.6160, -17.5550, -28.7790

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.



120.2530, -64.8250, -31.1370



145.3840, 17.5550, 28.7790



135.9090, 9.5410, -24.2430

Square

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



145.3840, 17.5550, 28.7790



141.2660, 48.9210, -0.0310



130.3920, -22.7360, -28.4960



112.0410, -104.6700, -19.3740

Rectangle

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



145.3840, 17.5550, 28.7790



142.6970, 49.9260, 20.3100



130.3920, -22.7360, -28.4960



111.1000, -95.1310, -32.5630

Sweetspot

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



145.3840, 17.5550, 28.7790



220.6840, 7.2420, 11.9300



130.1070, -15.6380, 19.0980



108.6680, 4.1710, 7.0110



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.



145.3840, 17.5550, 28.7790



180.0840, 27.8680, 45.6280



142.0780, 26.8640, 19.7600



83.6030, 2.7960, 4.3960



61.7070, 46.2480, 75.9760



10.3960, 8.1130, 12.6650

Inverse Universe

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



145.3840, 17.5550, 28.7790



180.0840, 27.8680, 45.6280



159.9220, -26.8640, -19.7600



83.6030, 2.7960, 4.3960



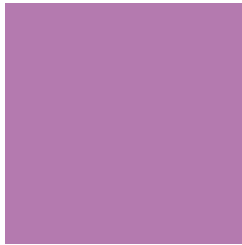
61.7070, 46.2480, 75.9760



10.3960, 8.1130, 12.6650

Previews

White Background



This preview shows how the YIQ color 145.3840, 17.5550, 28.7790 looks on a white background.

Color Contrast Check

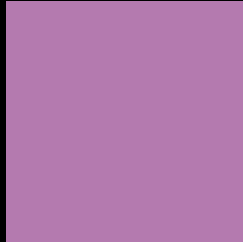
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.3840, 17.5550, 28.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

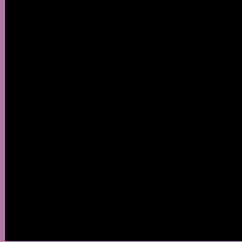
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.3840, 17.5550, 28.7790

Background



This preview shows how black text looks on a background with the YIQ color 145.3840, 17.5550, 28.7790.



This preview shows how white text looks on a background with the YIQ color 145.3840, 17.5550,

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

145.3840, 17.5550, 28.7790

Protanopia

141.8840, -22.5600, 12.3840

Deuteranopia

142.4740, -9.7220, 10.9980



Tritanopia

143.8940, 24.2060, 12.8620

Trichromacy



Original Color

145.3840, 17.5550, 28.7790

Protanomaly

142.8860, -7.7060, 18.5180

Deuteranomaly

143.5510, 0.5470, 17.6270

Tritanomaly

144.2130, 22.0500, 18.8980

Monochromacy



Original Color

145.3840, 17.5550, 28.7790

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.4450, 6.4170, 10.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.3840, 17.5550, 28.7790 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, 122, 175)` looks like.

```
.text, #text, p{  
    color:rgb(180, 122, 175)  
}
```

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, 122, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 122, 175) }
```

Border

The CSS property to change the border of an element to YIQ 145.3840, 17.5550, 28.7790 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, 122, 175) }
```


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

```
.border{ border-color:rgb(180, 122, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 122, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 122, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 122, 175);  
box-shadow:4px 4px 4px 4px rgb(180, 122,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 145.3840, 17.5550, 28.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 122, 175) }
```

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

```
.background{ background-color: rgb(180,  
122, 175) }
```

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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