

Converting Colors

YIQ(145.7800, 15.3590, 2.4870)

Have a look what the booklet for
YIQ(145.7800, 15.3590, 2.4870)
contains.

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Color

**YIQ(145.7800, 15.3590,
2.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	A28C85
RGB	162, 140, 133
RGB Percent	64%, 55%, 52%
CMY	0.3647, 0.4510, 0.4784
CMYK	0.00, 0.14, 0.18, 0.36
HSL	14°, 13%, 58%
HSV	14°, 18%, 64%
XYZ	28.5143, 28.1300, 26.1232
YIQ	145.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

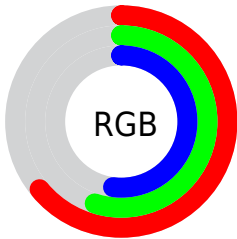
Format	Color
R_{YB}	162, 142, 133
Decimal	10652805
CIE _{Lab}	60.01, 7.11, 6.77
CIE _{LCh}	60, 9.814, 43.614
Yxy	28.1300, 0.3445, 0.3399
Android (android.graphics.Color)	4288842885 (0xFFA28C85)
YUV	145.7800, -6.3005, 14.2249
Hunter-Lab	53.0378, 3.1496, 7.9238

Details

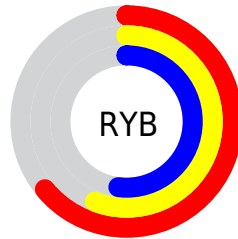
The YIQ color **145.7800, 15.3590, 2.4870** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **149.2200, -15.3590, -2.4870**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.9650, 16.2760, 2.3880**, and **95.2960, 13.8460, 2.3740** is the 20% darker color. If you saturate the color by 10%, you get **136.9120, 23.7950, 3.7870**, and if you desaturate by 10%, it is **154.6480, 6.9230, 1.1870**.

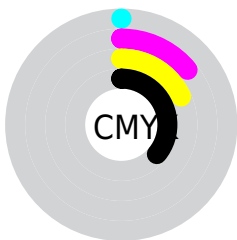
Distribution



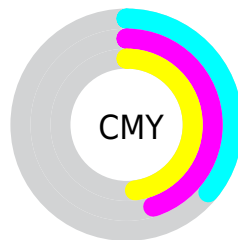
- Red (64%)
- Green (55%)
- Blue (52%)



- Red (64%)
- Yellow (56%)
- Blue (52%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.7800, 15.3590, 2.4870 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 145.7800, 15.3590, 2.4870 by changing the saturation by 10% instead.


 145.7800, 15.3590,
2.4870


 145.7800, 15.3590,
2.4870


255.0000, -0.0000,
-0.0000


 119.8940, 15.0380,
2.7980


 199.9650, 16.2760,
2.3880


 95.2960, 13.8460,
2.3740


 227.6770, 17.1470,
3.1230

 71.5840, 12.9750,
1.6390

 250.5830, 5.5480,
-1.4280

 48.8120, 12.3330,
2.2610

 28.1000, 11.4620,
1.5260

 5.0830, 10.1320,
3.6040

 0.0000, 0.0000,

0.0000

■ 145.7800, 15.3590,
2.4870

■ 145.7800, 15.3590,
2.4870

■ 136.9120, 23.7950,
3.7870

■ 154.6480, 6.9230,
1.1870

■ 127.4570, 32.5060,
5.6100

■ 164.1030, -1.7880,
-0.6360

■ 118.4750, 41.2630,
6.5990

■ 173.0850,
-10.5450, -1.6250

■ 109.6070, 49.6990,
7.8990

■ 181.9530,
-18.9810, -2.9250

■ 100.1520, 58.4100,
9.7220

■ 191.4080,
-27.6920, -4.7480

■ 91.2840, 66.8460,
11.0220

■ 200.2760,
-36.1280, -6.0480

■ 82.4160, 75.2820,
12.3220

■ 209.1440,
-44.5640, -7.3480

■ 73.4340, 84.0390,
13.3110

■ 217.2140,
-50.7530, -10.8250

■ 71.3310, 85.8270,
13.9470

■ 224.8450,
-54.3280, -17.6240

Harmonies

Analogous

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



146.4040, 13.6620, 5.7100



145.7800, 15.3590, 2.4870



144.5900, 12.8380, -1.3860

Triad

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



145.7800, 15.3590, 2.4870



141.8800, -8.7100, -7.3500



144.7420, -7.8410, 4.4390

Complementary

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



145.7800, 15.3590, 2.4870



149.2200, -15.3590, -2.4870

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.



143.5130, -14.6260, 0.7500



145.7800, 15.3590, 2.4870



141.6990, -15.4500, -6.3460

Square

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



145.7800, 15.3590, 2.4870



143.1860, -0.8240, -7.0960



142.3230, -17.1470, -3.1230



145.8140, 0.8240, 7.0960

Rectangle

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



145.7800, 15.3590, 2.4870



144.1550, 9.6290, -3.8030



142.3230, -17.1470, -3.1230



144.5460, -10.2250, 3.5910

Sweetspot

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



145.7800, 15.3590, 2.4870



206.0500, 5.7310, 0.7630



144.1790, 10.2220, 12.9900



103.3810, 3.3010, 0.7490



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



145.7800, 15.3590, 2.4870



186.9120, 23.7950, 3.7870



153.9980, 11.5090, -4.8350



76.8650, 4.8140, 0.8620



63.9000, 76.7950, 12.4350



7.7300, 9.6280, 1.7240

Inverse Universe

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



149.2200, -15.3590, -2.4870



192.0880, -23.7950, -3.7870



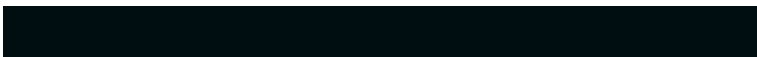
141.0020, -11.5090, 4.8350



78.1350, -4.8140, -0.8620



81.1000, -76.7950, -12.4350



10.2700, -9.6280, -1.7240

Previews

White Background



This preview shows how the YIQ color 145.7800, 15.3590, 2.4870 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 145.7800, 15.3590, 2.4870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

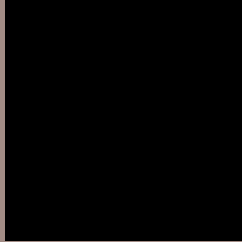
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.7800, 15.3590, 2.4870

Background



This preview shows how black text looks on a background with the YIQ color 145.7800, 15.3590, 2.4870.



This preview shows how white text looks on a background with the YIQ color 145.7800, 15.3590,

2.4870.

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

145.7800, 15.3590, 2.4870

Protanopia

144.7680, 6.4650, -1.5270

Deuteranopia

146.0790, 15.9550, 2.6990



Tritanopia

146.9140, 12.2860, 8.6220

Trichromacy



Original Color

145.7800, 15.3590, 2.4870

Protanomaly

145.2630, 9.4450, -0.4670

Deuteranomaly

146.0790, 15.9550, 2.6990

Tritanomaly

146.6320, 13.0200, 6.3320

Monochromacy



Original Color

145.7800, 15.3590, 2.4870

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.0500, 5.7310, 0.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.7800, 15.3590, 2.4870 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(162, 140, 133)` looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 133)  
}
```

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(162, 140, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 133) }
```

Border

The CSS property to change the border of an element to YIQ 145.7800, 15.3590, 2.4870 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(162, 140, 133) }
```


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

```
.border{ border-color:rgb(162, 140, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 133);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 145.7800, 15.3590, 2.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 133) }
```

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

```
.background{ background-color: rgb(162,  
140, 133) }
```

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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