

Converting Colors

YIQ(147.4360, 36.9990, 6.7830)

Have a look what the booklet for
YIQ(147.4360, 36.9990, 6.7830)
contains.

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Color

**YIQ(147.4360, 36.9990,
6.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8576
RGB	187, 133, 118
RGB Percent	73%, 52%, 46%
CMY	0.2665, 0.4785, 0.5371
CMYK	0.00, 0.29, 0.37, 0.27
HSL	13°, 34%, 60%
HSV	13°, 37%, 73%
XYZ	32.1578, 28.6464, 20.9865
YIQ	147.4360, 36.9990, 6.7830

Conversions

Conversions Part 2

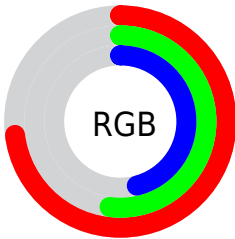
Format	Color
R_{YB}	187, 137, 118
Decimal	12289398
CIE Lab	60.47, 18.80, 16.31
CIE LCh	60, 24.892, 40.947
Yxy	28.6464, 0.3932, 0.3502
Android (android.graphics.Color)	4290479478 (0xFFBB8576)
YUV	147.4360, -14.5119, 34.6976
Hunter-Lab	53.5224, 13.5839, 14.2176

Details

The YIQ color **147.4360, 36.9990, 6.7830** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **157.5640, -36.9990, -6.7830**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8170, 40.3000, 7.5320**, and **96.1690, 33.3770, 6.3450** is the 20% darker color. If you saturate the color by 10%, you get **136.4650, 47.2230, 8.7190**, and if you desaturate by 10%, it is **158.4070, 26.7750, 4.8470**.

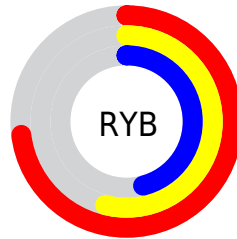
Distribution



Red (73%)

Green (52%)

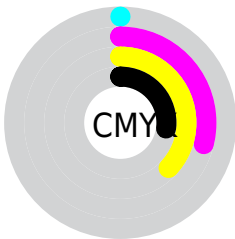
Blue (46%)



Red (73%)

Yellow (54%)

Blue (46%)

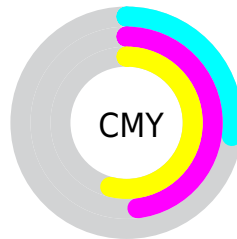


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (27%)



Cyan (27%)


Magenta (48%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.4360, 36.9990, 6.7830 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 147.4360, 36.9990, 6.7830 by changing the saturation by 10% instead.


 147.4360, 36.9990,
6.7830


 147.4360, 36.9990,
6.7830


255.0000, -0.0000,
-0.0000

 121.5390, 35.2110,
6.1470


 201.8170, 40.3000,
7.5320

 96.1690, 33.3770,
6.3450


 224.4350, 29.5720,
3.7160


 72.2720, 31.5890,
5.7090

 244.6500, 12.6090,
-2.7430

 48.6030, 29.1590,
5.6950

254.8860, 0.3210,
-0.3110

 26.1360, 28.9760,
3.5040

 10.2800, 19.9430,
7.5190

 0.0000, 0.0000,

0.0000

■ 147.4360, 36.9990,
6.7830

■ 147.4360, 36.9990,
6.7830

■ 136.4650, 47.2230,
8.7190

■ 158.4070, 26.7750,
4.8470

■ 126.1950, 56.8510,
10.4430

■ 168.6770, 17.1470,
3.1230

■ 115.2240, 67.0750,
12.3790

■ 179.6480, 6.9230,
1.1870

■ 104.2530, 77.2990,
14.3150

■ 190.6190, -3.3010,
-0.7490

■ 93.9830, 86.9270,
16.0390

■ 201.0030,
-13.2500, -2.1620

■ 83.0120, 97.1510,
17.9750

■ 211.8600,
-23.1530, -4.4090

■ 79.9800, 100.1770,
18.2010

■ 222.8310,
-33.3770, -6.3450

■ 231.7330,
-39.1530, -11.8010

■ 234.6680,
-40.5280, -14.4160

Harmonies

Analogous

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



148.8520, 33.1920, 15.2080



147.4360, 36.9990, 6.7830



146.1760, 31.4990, -3.6770

Triad

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



147.4360, 36.9990, 6.7830



138.1890, -23.2420, -19.3220



145.5310, -23.0640, 10.5040

Complementary

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



147.4360, 36.9990, 6.7830



157.5640, -36.9990, -6.7830

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.



140.1430, -42.8230, -0.3510



147.4360, 36.9990, 6.7830



135.0050, -43.0950, -17.4550

Square

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



147.4360, 36.9990, 6.7830



141.1500, -1.1430, -17.8390



135.0290, -51.6700, -10.7260



148.3660, -0.3700, 17.7260

Rectangle

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



147.4360, 36.9990, 6.7830



144.8820, 23.3390, -9.9810



135.0290, -51.6700, -10.7260



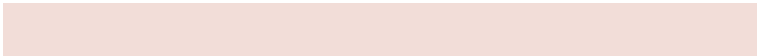
144.0030, -30.4450, 6.6030

Sweetspot

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



147.4360, 36.9990, 6.7830



226.7090, 14.1210, 2.8970



144.9010, 23.4690, 31.7330



113.1320, 8.4360, 1.3000



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



147.4360, 36.9990, 6.7830



181.1950, 56.8510, 10.4430



166.8070, 27.9240, -10.4760



88.8650, 4.8140, 0.8620



67.2000, 84.8180, 15.7140



13.3780, 16.5510, 2.9110

Inverse Universe

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



157.5640, -36.9990, -6.7830



196.8050, -56.8510, -10.4430



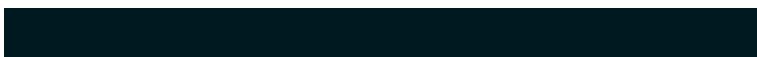
138.1930, -27.9240, 10.4760



90.1350, -4.8140, -0.8620



90.8000, -84.8180, -15.7140



17.6220, -16.5510, -2.9110

Previews

White Background



This preview shows how the YIQ color 147.4360, 36.9990, 6.7830 looks on a white background.

Color Contrast Check

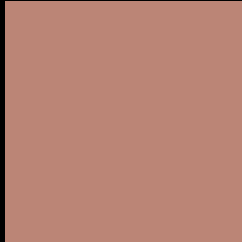
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.4360, 36.9990, 6.7830 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 147.4360, 36.9990, 6.7830

Background



This preview shows how black text looks on a background with the YIQ color 147.4360, 36.9990, 6.7830.



This preview shows how white text looks on a background with the YIQ color 147.4360, 36.9990,

6.7830.

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

147.4360, 36.9990, 6.7830

Protanopia

145.8840, 11.8300, -5.1460

Deuteranopia

146.3480, 25.2630, -0.7930



Tritanopia

148.7810, 31.9540, 15.6180

Trichromacy



Original Color

147.4360, 36.9990, 6.7830

Protanomaly

146.3090, 20.9990, -0.6090

Deuteranomaly

146.3810, 29.6640, 2.0480

Tritanomaly

148.1570, 33.6510, 12.3950

Monochromacy



Original Color

147.4360, 36.9990, 6.7830

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.2960, 13.8460, 2.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.4360, 36.9990, 6.7830 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(187, 133, 118)` looks like.

```
.text, #text, p{  
    color:rgb(187, 133, 118)  
}
```

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(187, 133, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 133, 118) }
```

Border

The CSS property to change the border of an element to YIQ 147.4360, 36.9990, 6.7830 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(187, 133, 118) }
```


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

```
.border{ border-color:rgb(187, 133, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 133, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 133, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 133, 118);  
box-shadow:4px 4px 4px 4px rgb(187, 133,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 147.4360, 36.9990, 6.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 133, 118) }
```

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

```
.background{ background-color: rgb(187,  
133, 118) }
```

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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