

Converting Colors

YIQ(146.9840, 32.4600, 6.4440)

Have a look what the booklet for
YIQ(146.9840, 32.4600, 6.4440)
contains.

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Color

**YIQ(146.9840, 32.4600,
6.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	B6867A
RGB	182, 134, 122
RGB Percent	71%, 53%, 48%
CMY	0.2862, 0.4746, 0.5214
CMYK	0.00, 0.26, 0.33, 0.29
HSL	12°, 29%, 60%
HSV	12°, 33%, 71%
XYZ	31.3352, 28.3990, 22.2538
YIQ	146.9840, 32.4600, 6.4440

Conversions

Conversions Part 2

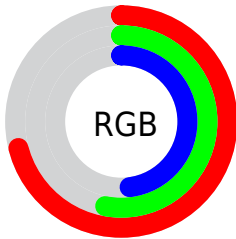
Format	Color
R_{YB}	182, 137, 122
Decimal	11961978
CIE _{Lab}	60.25, 16.76, 13.65
CIE _{LCh}	60, 21.614, 39.171
Yxy	28.3990, 0.3822, 0.3464
Android (android.graphics.Color)	4290152058 (0xFFB6867A)
YUV	146.9840, -12.3171, 30.7090
Hunter-Lab	53.2907, 11.7000, 12.5444

Details

The YIQ color **146.9840, 32.4600, 6.4440** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **157.0160, -32.4600, -6.4440**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0660, 35.1650, 6.9810**, and **95.9020, 29.7550, 5.9070** is the 20% darker color. If you saturate the color by 10%, you get **136.1270, 42.3630, 8.6910**, and if you desaturate by 10%, it is **157.8410, 22.5570, 4.1970**.

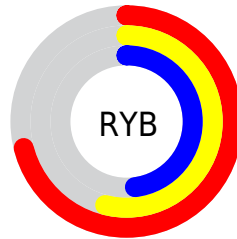
Distribution



Red (71%)

Green (53%)

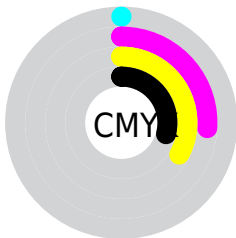
Blue (48%)



Red (71%)

Yellow (54%)

Blue (48%)

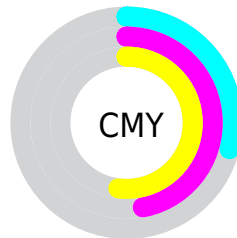


Cyan (0%)

Magenta (26%)

Yellow (33%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.9840, 32.4600, 6.4440 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 146.9840, 32.4600, 6.4440 by changing the saturation by 10% instead.


 146.9840, 32.4600,
6.4440


 146.9840, 32.4600,
6.4440


255.0000, -0.0000,
-0.0000


 121.0870, 30.6720,
5.8080


 201.0660, 35.1650,
6.9810


 95.9020, 29.7550,
5.9070


 225.4780, 28.0130,
4.4370

 72.1190, 27.6460,
5.5820

 245.6930, 11.0500,
-2.0220

 48.4500, 25.2160,
5.5680

 26.0970, 24.7120,
3.6880

 9.3830, 18.1550,
6.8830

 0.0000, 0.0000,

0.0000

■ 146.9840, 32.4600,
6.4440

■ 146.9840, 32.4600,
6.4440

■ 136.1270, 42.3630,
8.6910

■ 157.8410, 22.5570,
4.1970

■ 125.8570, 51.9910,
10.4150

■ 168.1110, 12.9290,
2.4730

■ 114.8860, 62.2150,
12.3510

■ 179.0820, 2.7050,
0.5370

■ 104.6160, 71.8430,
14.0750

■ 189.3520, -6.9230,
-1.1870

■ 93.7590, 81.7460,
16.3220

■ 200.2090,
-16.8260, -3.4340

■ 83.4890, 91.3740,
18.0460

■ 210.4790,
-26.4540, -5.1580

■ 75.5500, 98.5720,
19.7560

■ 221.3360,
-36.3570, -7.4050

■ 230.8250,
-42.4080, -13.3840

■ 233.1730,
-43.5080, -15.4760

Harmonies

Analogous

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



147.8730, 28.6990, 14.0350



146.9840, 32.4600, 6.4440



145.2620, 28.3810, -2.2350

Triad

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



146.9840, 32.4600, 6.4440



139.1080, -18.5200, -16.7920



144.8470, -21.1380, 8.6380

Complementary

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



146.9840, 32.4600, 6.4440



157.0160, -32.4600, -6.4440

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.



140.5520, -36.7250, -0.7330



146.9840, 32.4600, 6.4440



136.8920, -35.3470, -14.6990

Square

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



146.9840, 32.4600, 6.4440



141.2150, 0.2320, -15.2240



137.4600, -42.6380, -9.2140



147.6000, -1.1490, 15.3230

Rectangle

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



146.9840, 32.4600, 6.4440



144.5660, 21.4130, -8.1150



137.4600, -42.6380, -9.2140



143.3300, -27.0520, 5.6840

Sweetspot

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



146.9840, 32.4600, 6.4440



223.1110, 12.9290, 2.4730



145.5260, 20.0310, 27.9590



111.2460, 8.1150, 1.6110



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



146.9840, 32.4600, 6.4440



181.5580, 51.3950, 10.2030



164.0070, 24.4850, -8.7230



86.2780, 5.0890, 1.3850



64.8410, 84.4510, 16.8590



11.8940, 15.0380, 2.7980

Inverse Universe

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



157.0160, -32.4600, -6.4440



197.4420, -51.3950, -10.2030



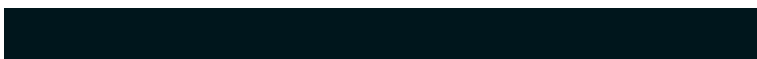
139.9930, -24.4850, 8.7230



88.1350, -4.8140, -0.8620



91.1590, -84.4510, -16.8590



16.1060, -15.0380, -2.7980

Previews

White Background



This preview shows how the YIQ color 146.9840, 32.4600, 6.4440 looks on a white background.

Color Contrast Check

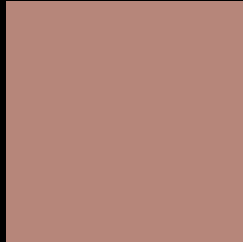
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.9840, 32.4600, 6.4440 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 146.9840, 32.4600, 6.4440

Background



This preview shows how black text looks on a background with the YIQ color 146.9840, 32.4600, 6.4440.



This preview shows how white text looks on a background with the YIQ color 146.9840, 32.4600,

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

146.9840, 32.4600, 6.4440

Protanopia

145.1550, 9.6290, -3.8030

Deuteranopia

146.2060, 22.7870, 0.0270



Tritanopia

147.9870, 28.3780, 14.3460

Trichromacy



Original Color

146.9840, 32.4600, 6.4440

Protanomaly

145.8680, 17.9270, -0.0010

Deuteranomaly

146.5270, 26.3170, 2.1330

Tritanomaly

147.4770, 29.7540, 11.4340

Monochromacy



Original Color

146.9840, 32.4600, 6.4440

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.9260, 12.0120, 2.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.9840, 32.4600, 6.4440 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(182, 134, 122)` looks like.

```
.text, #text, p{  
    color:rgb(182, 134, 122)  
}
```

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(182, 134, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 134, 122) }
```

Border

The CSS property to change the border of an element to YIQ 146.9840, 32.4600, 6.4440 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(182, 134, 122) }
```


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

```
.border{ border-color:rgb(182, 134, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 134, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 134, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 134, 122);  
box-shadow:4px 4px 4px 4px rgb(182, 134,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 146.9840, 32.4600, 6.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 134, 122) }
```

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

```
.background{ background-color: rgb(182,  
134, 122) }
```

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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