

Converting Colors

YIQ(168.3740, 30.4010,
-16.8230)

Have a look what the booklet for
YIQ(168.3740, 30.4010, -16.8230)
contains.

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Color

**YIQ(168.3740, 30.4010,
-16.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAB6A
RGB	187, 171, 106
RGB Percent	73%, 67%, 42%
CMY	0.2667, 0.3294, 0.5841
CMYK	0.00, 0.09, 0.43, 0.27
HSL	48°, 37%, 57%
HSV	48°, 43%, 73%
XYZ	37.6588, 40.7294, 19.5243
YIQ	168.3740, 30.4010, -16.8230

Conversions

Conversions Part 2

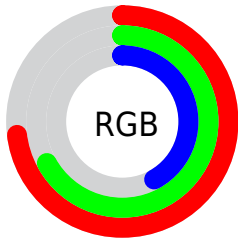
Format	Color
RYB	126, 187, 106
Decimal	12299114
CIELab	69.99, -3.39, 35.47
CIELCh	70, 35.633, 95.463
Yxy	40.7294, 0.3846, 0.4160
Android (android.graphics.Color)	4290489194 (0xFFBBAB6A)
YUV	168.3740, -30.7504, 16.3350
Hunter-Lab	63.8196, -6.3548, 26.5352

Details

The YIQ color **168.3740, 30.4010, -16.8230** is a light color, and the websafe version is hex **999966**. A complement of this color would be **124.6260, -30.4010, 16.8230**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.6300, 32.5560, -17.3320**, and **115.8190, 27.6500, -16.5260** is the 20% darker color. If you saturate the color by 10%, you get **163.8600, 37.6000, -20.6400**, and if you desaturate by 10%, it is **172.8880, 23.2020, -13.0060**.

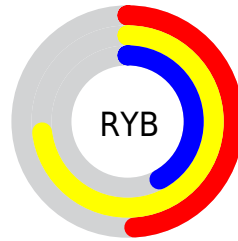
Distribution



Red (73%)

Green (67%)

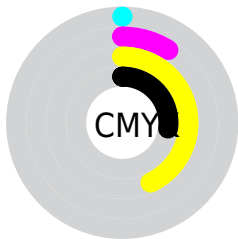
Blue (42%)



Red (49%)

Yellow (73%)

Blue (42%)

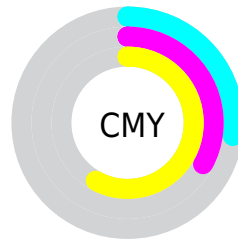


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.3740, 30.4010, -16.8230 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 168.3740, 30.4010, -16.8230 by changing the saturation by 10% instead.

168.3740, 30.4010,
-16.8230

168.3740, 30.4010,
-16.8230

255.0000, -0.0000,
-0.0000

141.8900, 28.8880,
-16.9360

223.6300, 32.5560,
-17.3320

115.8190, 27.6500,
-16.5260

247.1340, 22.1490,
-21.4590

90.6340, 26.7330,
-16.4270

250.2120, 13.4820,
-13.0620

66.5090, 25.5870,
-17.6850

253.5180, 4.1730,
-4.0430

45.5070, 19.9010,
-13.7550

26.0040, 11.3720,
-7.8600

0.0000, 0.0000,

0.0000

■ 168.3740, 30.4010,
-16.8230

■ 168.3740, 30.4010,
-16.8230

■ 163.8600, 37.6000,
-20.6400

■ 172.8880, 23.2020,
-13.0060

■ 160.0470, 44.2030,
-24.6690

■ 176.7010, 16.5990,
-8.9770

■ 155.5330, 51.4020,
-28.4860

■ 181.2150, 9.4000,
-5.1600

■ 151.0190, 58.6010,
-32.3030

■ 185.7290, 2.2010,
-1.3430

■ 147.2060, 65.2040,
-36.3320

■ 189.6560, -4.7230,
2.9970

■ 143.9630, 70.2020,
-38.8060

■ 194.0560,
-11.6010, 6.5030

■ 198.5700,
-18.8000, 10.3200

■ 202.9700,
-25.6780, 13.8260

■ 204.7310,
-26.5030, 12.2570

Harmonies

Analogous

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



171.0870, 47.8670, -2.9570



168.3740, 30.4010, -16.8230



164.4460, 3.5350, -25.5290

Triad

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



168.3740, 30.4010, -16.8230



147.7190, -89.2640, -23.2480



175.6190, 24.2030, 29.4430

Complementary

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



168.3740, 30.4010, -16.8230



124.6260, -30.4010, 16.8230

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.



174.7600, -7.1110, 24.2570



168.3740, 30.4010, -16.8230



157.4580, -74.6870, -6.5830

Square

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



168.3740, 30.4010, -16.8230



152.5350, -65.5590, -28.8470



168.1190, -42.2750, 11.7490



174.2930, 45.4320, 24.6640

Rectangle

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



168.3740, 30.4010, -16.8230



161.7300, -17.8760, -28.4680



168.1190, -42.2750, 11.7490



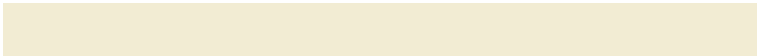
175.4160, 14.5290, 28.5530

Sweetspot

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



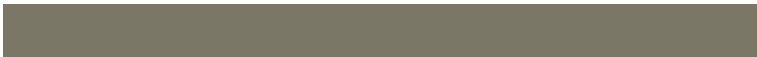
168.3740, 30.4010, -16.8230



234.9440, 11.6010, -6.5030



132.0430, 43.1400, 22.1480



118.0730, 6.9240, -4.3400



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.



168.3740, 30.4010, -16.8230



212.9610, 47.3210, -26.1110



170.5900, 11.6970, -30.2790



91.8000, 3.4390, -1.7530



121.7910, 59.2430, -32.9250



23.9440, 11.6010, -6.5030

Inverse Universe

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



124.6260, -30.4010, 16.8230



145.0390, -47.3210, 26.1110



122.4100, -11.6970, 30.2790



87.2000, -3.4390, 1.7530



36.2090, -59.2430, 32.9250



7.0560, -11.6010, 6.5030

Previews

White Background



This preview shows how the YIQ color 168.3740, 30.4010, -16.8230 looks on a white background.

Color Contrast Check

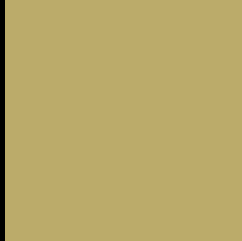
Large Text (above 18pt) WCAG AA × Fail

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 168.3740, 30.4010, -16.8230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

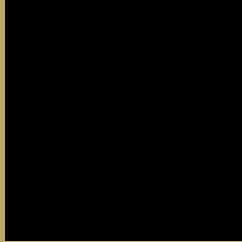
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.3740, 30.4010, -16.8230

Background



This preview shows how black text looks on a background with the YIQ color 168.3740, 30.4010, -16.8230.



This preview shows how white text looks on a background with the YIQ color 168.3740, 30.4010,

-16.8230.

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

168.3740, 30.4010, -16.8230

Protanopia

168.3740, 30.4010, -16.8230

Deuteranopia

169.8860, 43.8790, -7.7770



Tritanopia

173.6370, 14.6240, 10.3040

Trichromacy



Original Color

168.3740, 30.4010, -16.8230

Protanomaly

168.3740, 30.4010, -16.8230

Deuteranomaly

169.4400, 39.2030, -11.1410

Tritanomaly

171.6510, 20.0360, 0.3240

Monochromacy



Original Color

168.3740, 30.4010, -16.8230

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0580, 11.2800, -6.1920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3740, 30.4010, -16.8230 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, 171, 106)` looks like.

```
.text, #text, p{  
    color:rgb(187, 171, 106)  
}
```

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, 171, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 171, 106) }
```

Border

The CSS property to change the border of an element to YIQ 168.3740, 30.4010, -16.8230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

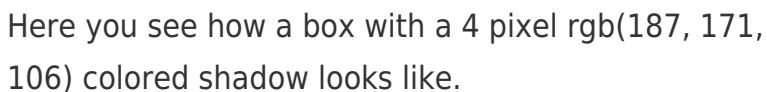
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 171, 106) }
```


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

```
.border{ border-color:rgb(187, 171, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 171, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 171, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 171, 106); box-shadow:4px 4px 4px 4px rgb(187, 171, 106) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3740, 30.4010, -16.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 171, 106) }
```

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

```
.background{ background-color: rgb(187,  
171, 106) }
```

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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