

Converting Colors

YIQ(184.9370, 99.4540,
-40.3060)

Have a look what the booklet for
YIQ(184.9370, 99.4540, -40.3060)
contains.

YIQ(184.9370, 99.4540, -40.3060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(184.9370, 99.4540,
-40.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB806
RGB	255, 184, 6
RGB Percent	100%, 72%, 2%
CMY	0.0000, 0.2785, 0.9759
CMYK	0.00, 0.28, 0.98, 0.00
HSL	43°, 100%, 51%
HSV	43°, 98%, 100%
XYZ	58.4078, 55.5418, 7.8184
YIQ	184.9370, 99.4540, -40.3060

Conversions

Conversions Part 2

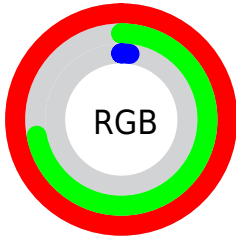
Format	Color
R_{YB}	105, 255, 6
Decimal	16758790
CIE _{Lab}	79.35, 14.09, 81.27
CIE _{LCh}	79, 82.484, 80.166
Yxy	55.5418, 0.4797, 0.4561
Android (android.graphics.Color)	4294948870 (0xFFFFB806)
YUV	184.9370, -88.2159, 61.4453
Hunter-Lab	74.5264, 9.4728, 45.9485

Details

The YIQ color **184.9370, 99.4540, -40.3060** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **76.0630, -99.4540, 40.3060**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.8150, 58.6950, -45.0250**, and **134.3050, 78.4070, -27.8090** is the 20% darker color. If you saturate the color by 10%, you get **183.0790, 101.9300, -41.1260**, and if you desaturate by 10%, it is **192.0100, 89.1830, -35.8810**.

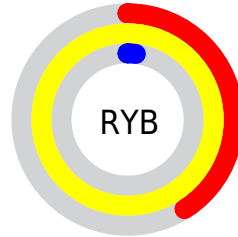
Distribution



Red (100%)

Green (72%)

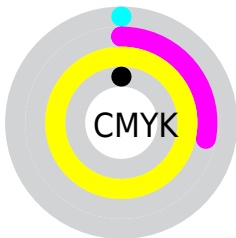
Blue (2%)



Red (41%)

Yellow (100%)

Blue (2%)

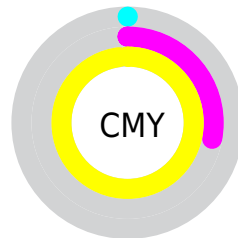


Cyan (0%)

Magenta (28%)

Yellow (98%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.9370, 99.4540, -40.3060 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 184.9370, 99.4540, -40.3060 by changing the saturation by 10% instead.


 184.9370, 99.4540,
-40.3060


 184.9370, 99.4540,
-40.3060


255.0000, -0.0000,
-0.0000


 158.8360, 89.7330,
-34.8350


 226.8150, 58.6950,
-45.0250


 134.3050, 78.4070,
-27.8090


 238.9260, 45.2610,
-43.8510

 110.6600, 67.4020,
-21.0940


 242.1180, 36.2730,
-35.1430

 87.6020, 56.1220,
-14.9020

 245.4240, 26.9640,
-26.1240

 65.4300, 45.1630,
-9.0210

 248.7300, 17.6550,
-17.1050

 44.7310, 34.2500,
-3.9740

 252.1500, 8.0250,

 24.6300, 24.5290,

-7.7750

1.4970

■ 7.2900, 13.9830,
5.3990

■ 0.0000, 0.0000,
0.0000

■ 184.9370, 99.4540,
-40.3060

■ 184.9370, 99.4540,
-40.3060

■ 183.0790,
101.9300, -41.1260

■ 192.0100, 89.1830,
-35.8810

■ 199.5560, 78.9580,
-32.2900

■ 206.6290, 68.6870,
-27.8650

■ 213.5880, 58.7370,
-23.7510

■ 220.6610, 48.4660,
-19.3260

■ 228.2070, 38.2410,
-15.7350

■ 235.2800, 27.9700,
-11.3100

■ 242.2390, 18.0200,
-7.1960

■ 249.3120, 7.7490,
-2.7710

Harmonies

Analogous

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



174.4750, 84.8210, -0.8670



184.9370, 99.4540, -40.3060



178.9360, 47.3280, -64.8000

Triad

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



184.9370, 99.4540, -40.3060



164.3420, -143.0870, -44.5190



194.5390, 28.3250, 53.8690

Complementary

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



184.9370, 99.4540, -40.3060



76.0630, -99.4540, 40.3060

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.



181.8950, -47.4560, 12.0320



184.9370, 99.4540, -40.3060



162.3190, -144.2800, -39.4160

Square

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



184.9370, 99.4540, -40.3060



154.7490, -117.4530, -68.5650



154.1010, -140.4300, -32.0940



173.5090, 46.2050, 60.2290

Rectangle

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



184.9370, 99.4540, -40.3060



173.5660, -7.2320, -67.2000



154.1010, -140.4300, -32.0940



195.0050, 11.9130, 42.9290

Sweetspot

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



184.9370, 99.4540, -40.3060



234.2370, 29.5290, -12.0310



89.0010, 124.3290, 76.1130



115.2390, 18.0200, -7.1960



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



184.9370, 99.4540, -40.3060



183.0790, 101.9300, -41.1260



211.6640, 50.1290, -88.0390



124.1700, 5.2730, -1.9510



137.5280, 76.1610, -31.1590



46.1380, 25.4940, -10.4900

Inverse Universe

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



76.0630, -99.4540, 40.3060



71.9210, -101.9300, 41.1260



49.3360, -50.1290, 88.0390



118.2430, -4.9980, 2.4740



54.0590, -76.4360, 30.6360



17.8620, -25.4940, 10.4900

Previews

White Background



This preview shows how the YIQ color 184.9370, 99.4540, -40.3060 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 184.9370, 99.4540, -40.3060 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 184.9370, 99.4540, -40.3060

Background



This preview shows how black text looks on a background with the YIQ color 184.9370, 99.4540, -40.3060.



This preview shows how white text looks on a background with the YIQ color 184.9370, 99.4540, -40.3060.

-40.3060.

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

184.9370, 99.4540, -40.3060

Protanopia

183.8410, 73.0010, -50.9910

Deuteranopia

184.2200, 96.9790, -45.0130



Tritanopia

200.1740, 44.1490, 20.3810

Trichromacy



Original Color

184.9370, 99.4540, -40.3060

Protanomaly

184.0380, 82.8120, -47.0760

Deuteranomaly

184.4590, 97.8040, -43.4440

Tritanomaly

194.5250, 64.1890, -1.4030

Monochromacy



Original Color

184.9370, 99.4540, -40.3060

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.0650, 35.7650, -14.9150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.9370, 99.4540, -40.3060 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(255, 184, 6)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 6)  
}
```

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(255, 184, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 6) }
```

Border

The CSS property to change the border of an element to YIQ 184.9370, 99.4540, -40.3060 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(255, 184, 6) }
```


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

```
.border{ border-color:rgb(255, 184, 6) }
```

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

Here you see how a box with a 4 pixel rgb(255, 184, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 6);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
6) }
```

Background

The CSS property to change the background color of an element to YIQ 184.9370, 99.4540, -40.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 6) }
```

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

```
.background{ background-color: rgb(255,  
184, 6) }
```

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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