

Converting Colors

YIQ(106.6340, -60.3830,
-1.4950)

Have a look what the booklet for
YIQ(106.6340, -60.3830, -1.4950)
contains.

YIQ(106.6340, -60.3830, -1.4950)	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(106.6340, -60.3830,
-1.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	307CAB
RGB	48, 124, 171
RGB Percent	19%, 49%, 67%
CMY	0.8119, 0.5136, 0.3297
CMYK	0.72, 0.27, 0.00, 0.33
HSL	203°, 56%, 43%
HSV	203°, 72%, 67%
XYZ	15.7727, 17.9884, 41.1337
YIQ	106.6340, -60.3830, -1.4950

Conversions

Conversions Part 2

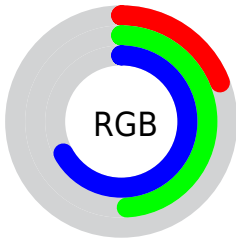
Format	Color
R _Y B	48, 95, 171
Decimal	3177643
CIE Lab	49.48, -7.49, -31.68
CIE LCh	49, 32.553, 256.705
Yxy	17.9884, 0.2106, 0.2402
Android (android.graphics.Color)	4281367723 (0xFF307CAB)
YUV	106.6340, 31.7324, -51.4220
Hunter-Lab	42.4127, -7.8403, -27.8131




Details

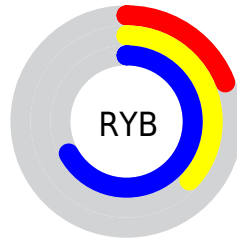
The YIQ color **106.6340, -60.3830, -1.4950** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **112.3660, 60.3830, 1.4950**, and the grayscale version is **106.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **161.7810, -56.3030, 1.6570**, and **57.4770, -58.5030, -2.5270** is the 20% darker color. If you saturate the color by 10%, you get **98.0290, -68.8650, -1.9610**, and if you desaturate by 10%, it is **115.8260, -52.1760, -1.5520**.

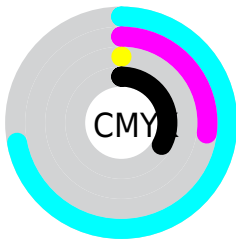
Distribution







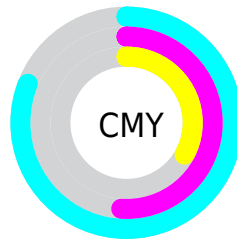
-  Red (19%)
-  Green (49%)
-  Blue (67%)






-  Red (19%)
-  Yellow (37%)
-  Blue (67%)



-  Cyan (72%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (81%)
-  Magenta (51%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.6340, -60.3830, -1.4950 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 106.6340, -60.3830, -1.4950 by changing the saturation by 10% instead.

■ 106.6340,
-60.3830, -1.4950

■ 106.6340,
-60.3830, -1.4950

■ 255.0000, -0.0000,
-0.0000

■ 74.5290, -73.4490,
-6.9930

■ 161.6670,
-55.9820, 1.3460

■ 57.4770, -58.5030,
-2.5270

■ 190.0800,
-55.7070, 1.8690

■ 41.7130, -44.4280,
1.2040

■ 215.1870,
-46.1230, -6.6270

■ 26.7640, -31.2700,
5.0340

■ 237.3590,
-35.1640, -12.5080

■ 7.7060, -16.1870,
12.5250

■ 246.3290,
-17.2840, -6.1480

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,

0.0000

■ 106.6340,
-60.3830, -1.4950

■ 106.6340,
-60.3830, -1.4950

■ 98.0290, -68.8650,
-1.9610

■ 115.8260,
-52.1760, -1.5520

■ 88.8370, -77.0720,
-1.9040

■ 124.4310,
-43.6940, -1.0860

■ 81.7160, -84.0410,
-2.2570

■ 133.6230,
-35.4870, -1.1430

■ 142.2280,
-27.0050, -0.6770

■ 151.4200,
-18.7980, -0.7340

■ 160.3240, -9.7200,
-0.0560

■ 169.5160, -1.5130,
-0.1130

■ 178.1210, 6.9690,
0.3530

■ 187.3130, 15.1760,
0.2960

Harmonies

Analogous

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



94.2080, -86.1470, -19.1630



106.6340, -60.3830, -1.4950



117.3830, -25.4030, 14.3490

Triad

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



106.6340, -60.3830, -1.4950



119.2230, 42.4530, 18.0770



110.7530, -7.5150, -23.5070

Complementary

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



106.6340, -60.3830, -1.4950



112.3660, 60.3830, 1.4950

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.



114.0890, 18.0220, -18.2500



106.6340, -60.3830, -1.4950



117.9160, 44.3350, 5.9910

Square

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



106.6340, -60.3830, -1.4950



120.6100, 28.4220, 24.5660



116.6940, 35.6720, -7.7200



103.7030, -39.6090, -25.5690

Rectangle

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



106.6340, -60.3830, -1.4950



120.4350, -4.8180, 21.2460



116.6940, 35.6720, -7.7200



112.0700, 1.8380, -22.3060

Sweetspot

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



106.6340, -60.3830, -1.4950



196.1960, -23.9790, -0.4510



125.3310, -48.2700, -50.3340



96.8720, -14.2590, -0.3950



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



106.6340, -60.3830, -1.4950



122.0400, -93.7610, -2.3130



71.4140, -43.8830, 29.8850



81.9610, -4.2640, 0.1840



71.6910, -73.7250, -1.9890



10.8400, -11.2330, -0.1690

Inverse Universe

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



93.4410, 48.9120, 49.7120



101.5610, 75.9580, 77.1900



147.5860, 43.8830, -29.8850



81.2610, 3.7590, 3.4630



55.4520, 59.5470, 60.7230



8.4730, 9.2140, 9.2300

Previews

White Background



This preview shows how the YIQ color 106.6340, -60.3830, -1.4950 looks on a white 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

Black Background



This preview shows how the YIQ color 106.6340, -60.3830, -1.4950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

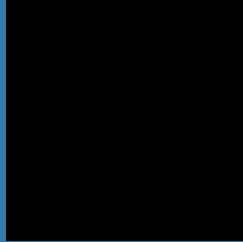
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 106.6340, -60.3830, -1.4950

Background



This preview shows how black text looks on a background with the YIQ color 106.6340, -60.3830, -1.4950.



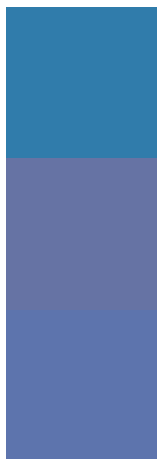
This preview shows how white text looks on a background with the YIQ color 106.6340, -60.3830, -1.4950.

-1.4950.

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

106.6340, -60.3830, -1.4950

Protanopia

116.6990, -23.4770, 12.4830

Deuteranopia

115.6210, -32.0050, 12.8510



Tritanopia

98.5490, -68.1740, -19.9980

Trichromacy



Original Color

106.6340, -60.3830, -1.4950

Protanomaly

112.8220, -37.1850, 7.6070

Deuteranomaly

112.4840, -42.0450, 7.5790

Tritanomaly

101.6190, -65.1950, -13.4110

Monochromacy



Original Color

106.6340, -60.3830, -1.4950

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.8650, -21.5490, -0.4370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.6340, -60.3830, -1.4950 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(48, 124, 171)` looks like.

```
.text, #text, p{  
    color:rgb(48, 124, 171)  
}
```

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(48, 124, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 124, 171) }
```

Border

The CSS property to change the border of an element to YIQ 106.6340, -60.3830, -1.4950 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(48, 124, 171) }
```


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

```
.border{ border-color:rgb(48, 124, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 124, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 124, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 124, 171);  
box-shadow:4px 4px 4px 4px rgb(48, 124,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 106.6340, -60.3830, -1.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 124, 171) }
```

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

```
.background{ background-color: rgb(48, 124,  
171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor