

Converting Colors

YIQ(101.6940, 18.4770, 1.0450)

Have a look what the booklet for
YIQ(101.6940, 18.4770, 1.0450)
contains.

YIQ(101.6940, 18.4770, 1.0450)	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(101.6940, 18.4770,
1.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	786053
RGB	120, 96, 83
RGB Percent	47%, 38%, 33%
CMY	0.5294, 0.6236, 0.6744
CMYK	0.00, 0.20, 0.31, 0.53
HSL	21°, 18%, 40%
HSV	21°, 31%, 47%
XYZ	13.4916, 12.9827, 9.9828
YIQ	101.6940, 18.4770, 1.0450

Conversions

Conversions Part 2

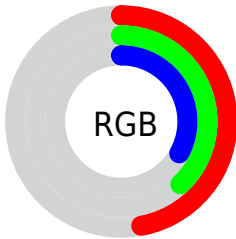
Format	Color
R_{YB}	120, 103, 83
Decimal	7888979
CIE Lab	42.74, 7.64, 11.09
CIE LCh	43, 13.468, 55.415
Yxy	12.9827, 0.3701, 0.3561
Android (android.graphics.Color)	4286079059 (0xFF786053)
YUV	101.6940, -9.2161, 16.0544
Hunter-Lab	36.0315, 3.7819, 8.7954

Details

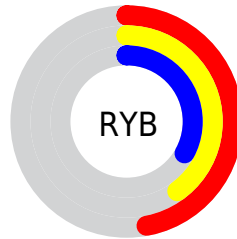
The YIQ color **101.6940, 18.4770, 1.0450** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **101.3060, -18.4770, -1.0450**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **153.0640, 20.3110, 0.8470**, and **54.9110, 16.3680, 0.7200** is the 20% darker color. If you saturate the color by 10%, you get **95.6300, 24.5290, 1.4970**, and if you desaturate by 10%, it is **107.7580, 12.4250, 0.5930**.

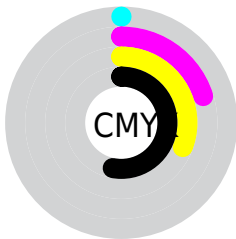
Distribution



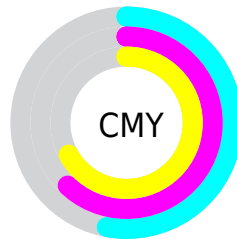
- Red (47%)
- Green (38%)
- Blue (33%)



- Red (47%)
- Yellow (40%)
- Blue (33%)



- Cyan (0%)
- Magenta (20%)
- Yellow (31%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.6940, 18.4770, 1.0450 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 101.6940, 18.4770, 1.0450 by changing the saturation by 10% instead.

■ 101.6940, 18.4770,
1.0450

■ 101.6940, 18.4770,
1.0450

■ 255.0000, -0.0000,
-0.0000

■ 77.5090, 17.5600,
1.1440

■ 153.0640, 20.3110,
0.8470

■ 54.9110, 16.3680,
0.7200

■ 179.7760, 21.1820,
1.5820

■ 33.1280, 14.2590,
0.3950

■ 207.0750, 21.7780,
1.7940

■ 10.4210, 14.9920,
3.6320

■ 234.9500, 20.6320,
0.5360

■ 0.0000, 0.0000,
0.0000

■ 253.5180, 4.1730,
-4.0430

■ 101.6940, 18.4770,
1.0450

■ 101.6940, 18.4770,
1.0450

■ 95.6300, 24.5290,
1.4970

■ 107.7580, 12.4250,
0.5930

■ 89.5660, 30.5810,
1.9490

■ 113.8220, 6.3730,
0.1410

■ 84.0890, 36.3580,
1.8780

■ 119.2990, 0.5960,
0.2120

■ 78.0250, 42.4100,
2.3300

■ 125.3630, -5.4560,
-0.2400

■ 71.9610, 48.4620,
2.7820

■ 131.4270,
-11.5080, -0.6920

■ 65.8970, 54.5140,
3.2340

■ 137.4910,
-17.5600, -1.1440

■ 60.5340, 59.9700,
3.4740

■ 143.5550,
-23.6120, -1.5960

■ 149.0320,

-29.3890, -1.5250

■ 155.0960,
-35.4410, -1.9770

Harmonies

Analogous

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



102.7420, 18.5220, 5.7380



101.6940, 18.4770, 1.0450



100.8950, 13.2970, -4.1990

Triad

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



101.6940, 18.4770, 1.0450



96.8190, -15.9080, -9.0600



102.1060, -5.8700, 7.2660

Complementary

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



101.6940, 18.4770, 1.0450



101.3060, -18.4770, -1.0450

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.



99.6100, -16.2770, 3.1390



101.6940, 18.4770, 1.0450



96.5780, -22.4190, -6.6990

Square

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



101.6940, 18.4770, 1.0450



98.2670, -5.5460, -9.6260



97.3270, -22.9700, -2.2180



102.8470, 5.2250, 9.9370

Rectangle

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



101.6940, 18.4770, 1.0450



99.6770, 7.9790, -6.9410



97.3270, -22.9700, -2.2180



101.3120, -9.4460, 5.9940

Sweetspot

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



101.6940, 18.4770, 1.0450



148.5340, 7.2440, 0.8760



96.7990, 14.3480, 15.3080



74.4520, 4.5390, 0.3390



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



101.6940, 18.4770, 1.0450



127.0820, 29.0680, 1.8360



112.2600, 13.5270, -8.3690



57.9680, 3.0260, 0.2260



63.2030, 62.4000, 3.4880



127.5910, 125.7170, 6.8770

Inverse Universe

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



101.3060, -18.4770, -1.0450



126.3310, -28.7930, -1.3130



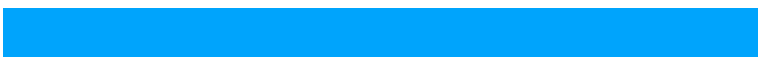
90.7400, -13.5270, 8.3690



58.0320, -3.0260, -0.2260



61.7970, -62.4000, -3.4880



124.9960, -125.9920, -7.4000

Previews

White Background



This preview shows how the YIQ color 101.6940, 18.4770, 1.0450 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 101.6940, 18.4770, 1.0450 looks on a black 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

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

YIQ 101.6940, 18.4770, 1.0450

Background



This preview shows how black text looks on a background with the YIQ color 101.6940, 18.4770, 1.0450.



This preview shows how white text looks on a background with the YIQ color 101.6940, 18.4770,

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

101.6940, 18.4770, 1.0450

Protanopia

100.6710, 8.1160, -3.9160

Deuteranopia

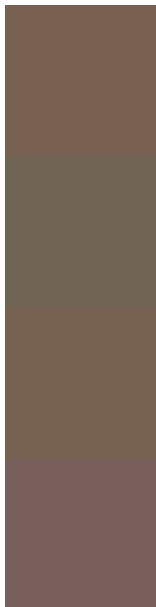
101.3840, 16.4140, -0.1140



Tritanopia

102.5830, 14.7160, 8.6360

Trichromacy



Original Color

101.6940, 18.4770, 1.0450

Protanomaly

100.8780, 11.9670, -2.1210

Deuteranomaly

101.6830, 17.0100, 0.0980

Tritanomaly

102.0730, 16.0920, 5.7240

Monochromacy



Original Color

101.6940, 18.4770, 1.0450

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.1210, 6.9690, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.6940, 18.4770, 1.0450 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(120, 96, 83)` looks like.

```
.text, #text, p{  
    color:rgb(120, 96, 83)  
}
```

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(120, 96, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 96, 83) }
```

Border

The CSS property to change the border of an element to YIQ 101.6940, 18.4770, 1.0450 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(120, 96, 83) }
```


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

```
.border{ border-color:rgb(120, 96, 83) }
```

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

Here you see how a box with a 4 pixel rgb(120, 96, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 96, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 96, 83);  
box-shadow:4px 4px 4px 4px rgb(120, 96,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 101.6940, 18.4770, 1.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 96, 83) }
```

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

```
.background{ background-color: rgb(120, 96,  
83) }
```

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