

Converting Colors

YIQ(97.6460, 18.4320, -3.6480)

Have a look what the booklet for
YIQ(97.6460, 18.4320, -3.6480)
contains.

YIQ(97.6460, 18.4320, -3.6480)	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(97.6460, 18.4320,
-3.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	715F47
RGB	113, 95, 71
RGB Percent	44%, 37%, 28%
CMY	0.5568, 0.6275, 0.7215
CMYK	0.00, 0.16, 0.37, 0.56
HSL	34°, 23%, 36%
HSV	34°, 37%, 44%
XYZ	12.0406, 12.1495, 7.6756
YIQ	97.6460, 18.4320, -3.6480

Conversions

Conversions Part 2

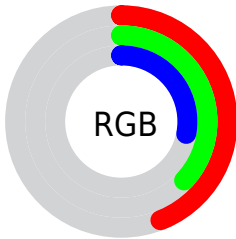
Format	Color
RYB	103, 113, 71
Decimal	7429959
CIELab	41.45, 3.47, 16.44
CIELCh	41, 16.800, 78.065
Yxy	12.1495, 0.3779, 0.3813
Android (android.graphics.Color)	4285620039 (0xFF715F47)
YUV	97.6460, -13.1365, 13.4655
Hunter-Lab	34.8561, 0.6623, 11.3430

Details

The YIQ color **97.6460, 18.4320, -3.6480** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **86.3540, -18.4320, 3.6480**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.4290, 20.5410, -3.3230**, and **50.9770, 16.0020, -3.6620** is the 20% darker color. If you saturate the color by 10%, you get **93.4570, 23.3380, -4.4540**, and if you desaturate by 10%, it is **101.8350, 13.5260, -2.8420**.

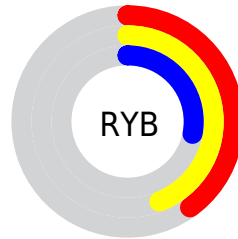
Distribution



Red (44%)

Green (37%)

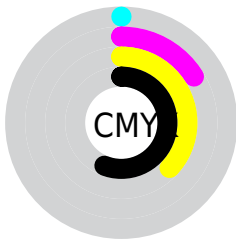
Blue (28%)



Red (40%)

Yellow (44%)

Blue (28%)

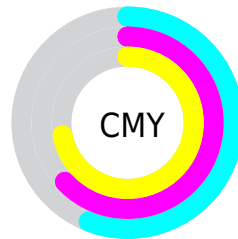


Cyan (0%)

Magenta (16%)

Yellow (37%)

Black (56%)



Cyan (56%)

Magenta (63%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.6460, 18.4320, -3.6480 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 97.6460, 18.4320, -3.6480 by changing the saturation by 10% instead.

■ 97.6460, 18.4320,
-3.6480

■ 97.6460, 18.4320,
-3.6480

■ 255.0000, -0.0000,
-0.0000

■ 73.4610, 17.5150,
-3.5490

■ 148.4290, 20.5410,
-3.3230

■ 50.9770, 16.0020,
-3.6620

■ 175.2010, 21.1830,
-3.9450

■ 29.2220, 16.6900,
-5.1180

■ 202.5000, 21.7790,
-3.7330

■ 5.9580, 8.9860,
2.3460

■ 230.6850, 22.6960,
-3.8320

■ 0.0000, 0.0000,
0.0000

■ 251.8080, 8.9880,
-8.7080

■ 97.6460, 18.4320,
-3.6480

■ 97.6460, 18.4320,
-3.6480

■ 93.4570, 23.3380,
-4.4540

■ 101.8350, 13.5260,
-2.8420

■ 89.1540, 28.5650,
-5.5710

■ 106.1380, 8.2990,
-1.7250

■ 84.9650, 33.4710,
-6.3770

■ 110.3270, 3.3930,
-0.9190

■ 81.3630, 38.1020,
-7.7060

■ 113.9290, -1.2380,
0.4100

■ 77.1740, 43.0080,
-8.5120

■ 118.2320, -6.4650,
1.5270

■ 72.8710, 48.2350,
-9.6290

■ 122.4210,
-11.3710, 2.3330

■ 71.9420, 49.4730,
-10.0390

■ 126.6100,
-16.2770, 3.1390

■ 130.7990,

-21.1830, 3.9450

■ 135.1020,
-26.4100, 5.0620

Harmonies

Analogous

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



99.0860, 23.2450, 2.7410



97.6460, 18.4320, -3.6480



96.3950, 8.7130, -9.2310

Triad

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



97.6460, 18.4320, -3.6480



91.6480, -28.6080, -10.1760



99.5310, 3.2990, 11.8030

Complementary

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



97.6460, 18.4320, -3.6480



86.3540, -18.4320, 3.6480

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.



98.2950, -10.7760, 8.0720



97.6460, 18.4320, -3.6480



92.4400, -30.7180, -4.9740

Square

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



97.6460, 18.4320, -3.6480



92.4550, -17.8790, -11.8870



95.2500, -24.0710, 1.2170



99.9900, 15.1280, 12.1840

Rectangle

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



97.6460, 18.4320, -3.6480



95.1490, 0.5980, -10.8420



95.2500, -24.0710, 1.2170



99.5520, -1.1940, 10.6300

Sweetspot

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



97.6460, 18.4320, -3.6480



142.0670, 7.0610, -1.3150



85.6100, 19.2540, 14.5020



70.5120, 4.3100, -1.0180



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



97.6460, 18.4320, -3.6480



123.3390, 29.4820, -5.6700



107.3150, 11.6940, -13.6980



54.1420, 2.4760, -0.8200



75.7960, 52.8200, -10.1240



156.6200, 108.4370, -21.3790

Inverse Universe

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



86.3540, -18.4320, 3.6480



105.6610, -29.4820, 5.6700



76.6850, -11.6940, 13.6980



52.4450, -2.7510, 0.2970



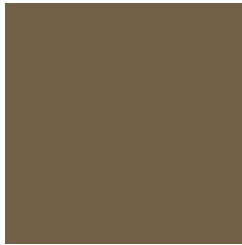
43.6170, -52.5450, 10.6470



90.3800, -108.4370, 21.3790

Previews

White Background



This preview shows how the YIQ color 97.6460, 18.4320, -3.6480 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 97.6460, 18.4320, -3.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

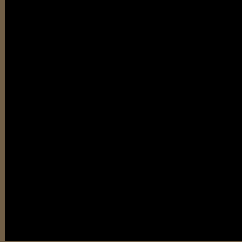
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.6460, 18.4320, -3.6480

Background



This preview shows how black text looks on a background with the YIQ color 97.6460, 18.4320, -3.6480.



This preview shows how white text looks on a background with the YIQ color 97.6460, 18.4320,

-3.6480.

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

97.6460, 18.4320, -3.6480

Protanopia

97.1290, 12.5180, -6.6020

Deuteranopia

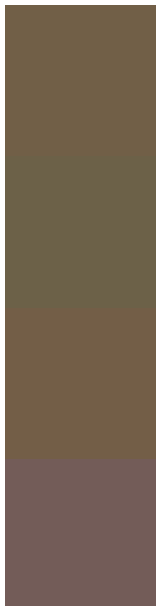
97.9560, 20.4950, -2.4890



Tritanopia

99.2730, 12.6530, 7.4770

Trichromacy



Original Color

97.6460, 18.4320, -3.6480

Protanomaly

97.4390, 14.5810, -5.4430

Deuteranomaly

97.6570, 19.8990, -2.7010

Tritanomaly

98.4210, 14.9920, 3.6320

Monochromacy



Original Color

97.6460, 18.4320, -3.6480

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.7680, 6.4650, -1.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.6460, 18.4320, -3.6480 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(113, 95, 71)` looks like.

```
.text, #text, p{  
    color:rgb(113, 95, 71)  
}
```

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(113, 95, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 95, 71) }
```

Border

The CSS property to change the border of an element to YIQ 97.6460, 18.4320, -3.6480 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(113, 95, 71) }
```


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

```
.border{ border-color:rgb(113, 95, 71) }
```

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

Here you see how a box with a 4 pixel rgb(113, 95, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 95, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 95, 71);  
box-shadow:4px 4px 4px 4px rgb(113, 95,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 97.6460, 18.4320, -3.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 95, 71) }
```

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

```
.background{ background-color: rgb(113, 95,  
71) }
```

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