

Converting Colors

YIQ(71.7460, -4.4960, 15.4080)

Have a look what the booklet for
YIQ(71.7460, -4.4960, 15.4080)
contains.

YIQ(71.7460, -4.4960, 15.4080)	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(71.7460, -4.4960,
15.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3F67
RGB	77, 63, 103
RGB Percent	30%, 25%, 40%
CMY	0.6980, 0.7530, 0.5961
CMYK	0.25, 0.39, 0.00, 0.60
HSL	261°, 24%, 33%
HSV	261°, 39%, 40%
XYZ	7.2865, 6.1118, 13.6243
YIQ	71.7460, -4.4960, 15.4080

Conversions

Conversions Part 2

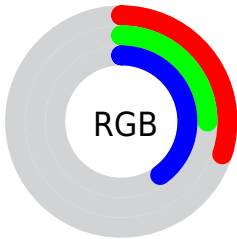
Format	Color
R_{YB}	77, 63, 103
Decimal	5062503
CIE _{Lab}	29.69, 15.45, -21.25
CIE _{LCh}	30, 26.277, 306.020
Yxy	6.1118, 0.2696, 0.2262
Android (android.graphics.Color)	4283252583 (0xFF4D3F67)
YUV	71.7460, 15.4082, 4.6078
Hunter-Lab	24.7220, 9.3470, -15.3693

Details

The YIQ color **71.7460, -4.4960, 15.4080** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **94.2540, 4.4960, -15.4080**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6860, -4.2670, 16.7650**, and **27.3930, -5.0000, 13.5280** is the 20% darker color. If you saturate the color by 10%, you get **63.7830, -5.9180, 19.1540**, and if you desaturate by 10%, it is **79.7090, -3.0740, 11.6620**.

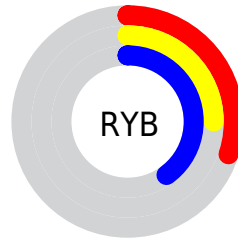
Distribution



Red (30%)

Green (25%)

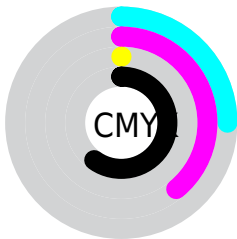
Blue (40%)



Red (30%)

Yellow (25%)

Blue (40%)

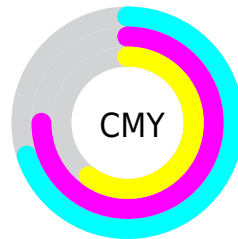


Cyan (25%)

Magenta (39%)

Yellow (0%)

Black (60%)



Cyan (70%)

Magenta (75%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.7460, -4.4960, 15.4080 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 71.7460, -4.4960, 15.4080 by changing the saturation by 10% instead.

71.7460, -4.4960,
15.4080

71.7460, -4.4960,
15.4080

255.0000, -0.0000,
-0.0000

49.2190, -4.4500,
14.5740

120.6860, -4.2670,
16.7650

27.3930, -5.0000,
13.5280

146.2130, -4.3130,
17.5990

7.5780, -4.0830,
13.4290

172.7400, -4.3590,
18.4330

0.9120, -2.5680,
2.4880

200.7400, -4.3590,
18.4330

0.0000, 0.0000,
0.0000

227.0130, -0.8740,
15.8460

249.7170, 2.4750,

4.7070

■ 71.7460, -4.4960,
15.4080

■ 71.7460, -4.4960,
15.4080

■ 63.7830, -5.9180,
19.1540

■ 79.7090, -3.0740,
11.6620

■ 55.5320, -6.4690,
23.6350

■ 87.9600, -2.5230,
7.1810

■ 47.5690, -7.8910,
27.3810

■ 95.9230, -1.1010,
3.4350

■ 39.6060, -9.3130,
31.1270

■ 103.8860, 0.3210,
-0.3110

■ 31.9420, -10.1390,
35.0850

■ 111.5500, 1.1470,
-4.2690

■ 23.3920, -11.2860,
39.3540

■ 120.1000, 2.2940,
-8.5380

■ 22.5060, -11.6070,
39.6650

■ 128.0630, 3.7160,
-12.2840

■ 136.0260, 5.1380,
-16.0300

■ 144.2770, 5.6890,
-20.5110

Harmonies

Analogous

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



67.0740, -29.2070, 6.1930



71.7460, -4.4960, 15.4080



72.0920, 15.0810, 18.5450

Triad

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



71.7460, -4.4960, 15.4080



69.1480, 28.7020, -2.5460



55.3960, -45.7540, -18.8260

Complementary

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



71.7460, -4.4960, 15.4080



94.2540, 4.4960, -15.4080

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.



61.0860, -21.4540, -18.6860



71.7460, -4.4960, 15.4080



67.6040, 18.2500, -11.3660

Square

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



71.7460, -4.4960, 15.4080



69.9240, 32.6890, 7.8010



65.7590, 1.5160, -16.4680



57.5620, -51.8530, -12.9170

Rectangle

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



71.7460, -4.4960, 15.4080



71.2410, 24.8470, 17.7670



65.7590, 1.5160, -16.4680



54.4840, -43.1860, -21.3140

Sweetspot

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



71.7460, -4.4960, 15.4080



122.6180, -1.5600, 6.2480



82.8220, -19.9900, -1.1580



61.3360, -0.8260, 3.9580



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



71.7460, -4.4960, 15.4080



85.7600, -7.1110, 24.2570



77.7260, 7.4240, 19.6480



47.1680, -0.4130, 1.9790



25.0700, -13.0750, 44.2450



53.0030, -27.0220, 93.2820

Inverse Universe

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



77.9240, 15.4940, 16.5660



95.5110, 24.3870, 26.1070



88.2740, -7.4240, -19.6480



47.8370, 2.0170, 1.9930



42.9350, 44.4650, 47.7050



90.2560, 93.8350, 100.1310

Previews

White Background



This preview shows how the YIQ color 71.7460, -4.4960, 15.4080 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 ✓ Pass

Black Background



This preview shows how the YIQ color 71.7460, -4.4960, 15.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

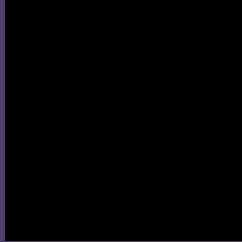
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.7460, -4.4960, 15.4080

Background



This preview shows how black text looks on a background with the YIQ color 71.7460, -4.4960, 15.4080.

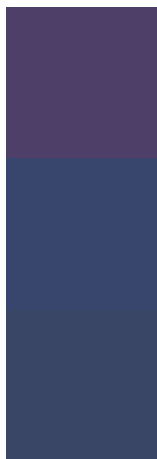


This preview shows how white text looks on a background with the YIQ color 71.7460, -4.4960,

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

71.7460, -4.4960, 15.4080

Protanopia

69.5590, -20.2670, 9.3730

Deuteranopia

69.7610, -18.0200, 7.1960



Tritanopia

70.4670, 0.1830, 2.1910

Trichromacy



Original Color

71.7460, -4.4960, 15.4080

Protanomaly

70.5490, -14.3070, 11.4930

Deuteranomaly

70.0930, -13.0230, 10.2490

Tritanomaly

71.1450, -1.6060, 7.0820

Monochromacy



Original Color

71.7460, -4.4960, 15.4080

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.0910, -1.5140, 5.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.7460, -4.4960, 15.4080 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(77, 63, 103)` looks like.

```
.text, #text, p{  
    color:rgb(77, 63, 103)  
}
```

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(77, 63, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 63, 103) }
```

Border

The CSS property to change the border of an element to YIQ 71.7460, -4.4960, 15.4080 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(77, 63, 103) }
```


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

```
.border{ border-color:rgb(77, 63, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 63, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 63, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 63, 103);  
box-shadow:4px 4px 4px 4px rgb(77, 63,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 71.7460, -4.4960, 15.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 63, 103) }
```

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

```
.background{ background-color: rgb(77, 63,  
103) }
```

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