

Converting Colors

YIQ(76.5710, -3.3460, -5.4420)

Have a look what the booklet for
YIQ(76.5710, -3.3460, -5.4420)
contains.

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Color

**YIQ(76.5710, -3.3460,
-5.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	465147
RGB	70, 81, 71
RGB Percent	27%, 32%, 28%
CMY	0.7255, 0.6823, 0.7216
CMYK	0.14, 0.00, 0.12, 0.68
HSL	125°, 7%, 30%
HSV	125°, 14%, 32%
XYZ	6.6052, 7.6422, 7.0880
YIQ	76.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

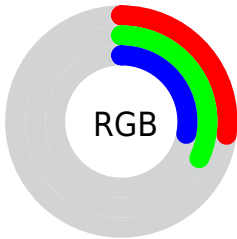
Format	Color
R_{YB}	70, 80, 81
Decimal	4608327
CIE _{Lab}	33.23, -6.62, 4.42
CIE _{LCh}	33, 7.956, 146.261
Yxy	7.6422, 0.3096, 0.3582
Android (android.graphics.Color)	4282798407 (0xFF465147)
YUV	76.5710, -2.7465, -5.7628
Hunter-Lab	27.6446, -5.7283, 4.1495

Details

The YIQ color **76.5710, -3.3460, -5.4420** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **74.4290, 3.3460, 5.4420**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.1580, -3.6210, -5.9650**, and **32.3970, -2.7960, -4.3960** is the 20% darker color. If you saturate the color by 10%, you get **73.3810, -5.8670, -9.3150**, and if you desaturate by 10%, it is **79.7610, -0.8250, -1.5690**.

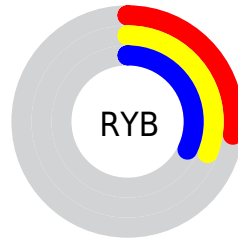
Distribution



 Red (27%)

 Green (32%)

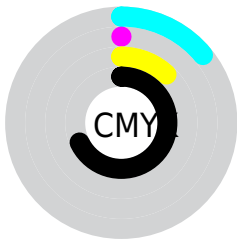
 Blue (28%)




 Red (27%)

 Yellow (31%)

 Blue (32%)

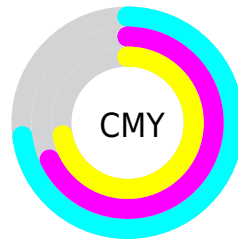


 Cyan (14%)

 Magenta (0%)

 Yellow (12%)

 Black (68%)



 Cyan (73%)

 Magenta (68%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.5710, -3.3460, -5.4420 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 76.5710, -3.3460, -5.4420 by changing the saturation by 10% instead.

■ 76.5710, -3.3460,
-5.4420

■ 76.5710, -3.3460,
-5.4420

■ 255.0000, -0.0000,
-0.0000

■ 53.9840, -3.0710,
-4.9190

■ 125.1580, -3.6210,
-5.9650

■ 32.3970, -2.7960,
-4.3960

■ 151.1580, -3.6210,
-5.9650

■ 9.5060, -4.7210,
-8.0570

■ 178.1580, -3.6210,
-5.9650

■ 0.0000, 0.0000,
0.0000

■ 205.7450, -3.8960,
-6.4880

■ 233.7450, -3.8960,
-6.4880

254.7010, -0.5960,

-0.2120

■ 76.5710, -3.3460,
-5.4420

■ 76.5710, -3.3460,
-5.4420

■ 73.3810, -5.8670,
-9.3150

■ 79.7610, -0.8250,
-1.5690

■ 70.0770, -8.0670,
-13.4990

■ 83.0650, 1.3750,
2.6150

■ 66.8870, -10.5880,
-17.3720

■ 86.2550, 3.8960,
6.4880

■ 63.6970, -13.1090,
-21.2450

■ 89.4450, 6.4170,
10.3610

■ 60.0940, -15.9050,
-25.6410

■ 92.7490, 8.6170,
14.5450

■ 56.9040, -18.4260,
-29.5140

■ 96.2380, 11.7340,
18.6300

■ 53.6000, -20.6260,
-33.6980

■ 99.5420, 13.9340,
22.8140

■ 50.4100, -23.1470,
-37.5710

■ 102.7320, 16.4550,
26.6870

■ 48.3450, -24.5220,
-40.1860

■ 105.9220, 18.9760,
30.5600

Harmonies

Analogous

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



77.0340, 2.6600, -4.1560



76.5710, -3.3460, -5.4420



76.0480, -9.1230, -5.3710

Triad

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



76.5710, -3.3460, -5.4420



77.6770, -9.2160, 1.8240



79.2680, 11.0490, 3.5050

Complementary

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



76.5710, -3.3460, -5.4420



74.4290, 3.3460, 5.4420

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.



79.3540, 7.9310, 4.9470



76.5710, -3.3460, -5.4420



78.6670, -3.2560, 3.9440

Square

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



76.5710, -3.3460, -5.4420



76.7150, -12.3790, -1.4270



79.4290, 3.3460, 5.4420



78.3880, 10.5910, 0.7910

Rectangle

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



76.5710, -3.3460, -5.4420



75.9060, -11.5990, -4.5510



79.4290, 3.3460, 5.4420



79.4960, 10.4070, 4.1270

Sweetspot

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



76.5710, -3.3460, -5.4420



103.0490, -1.6960, -2.3040



79.4470, 2.9350, -3.6330



52.7610, -0.8250, -1.5690



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



76.5710, -3.3460, -5.4420



98.0930, -4.9960, -8.5800



77.1410, -4.9510, -3.8870



39.3480, -1.1000, -2.0920



62.7750, -32.0850, -51.8050



138.5780, -70.5410, -114.8050

Inverse Universe

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



74.4290, 3.3460, 5.4420



94.7930, 5.3170, 8.2690



73.8590, 4.9510, 3.8870



38.5380, 1.4210, 1.7810



42.2250, 32.0850, 51.8050



93.4220, 70.5410, 114.8050

Previews

White Background



This preview shows how the YIQ color 76.5710, -3.3460, -5.4420 looks on a white background.

Color Contrast Check

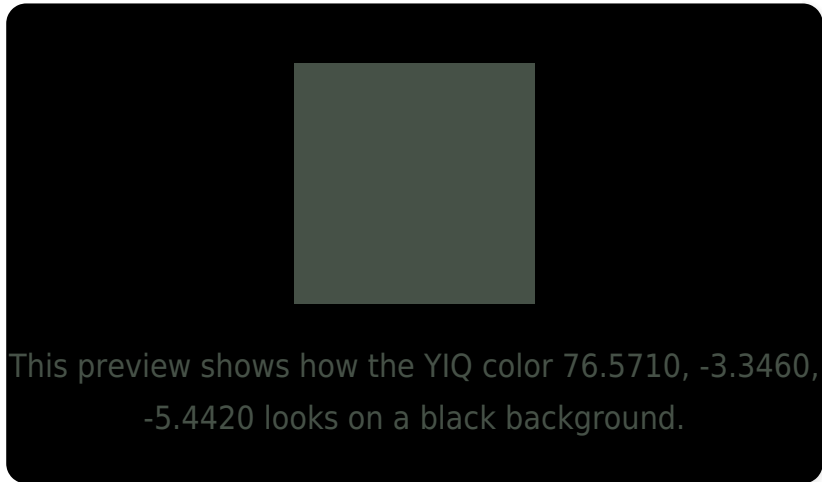
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

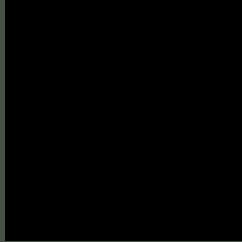
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.5710, -3.3460, -5.4420

Background



This preview shows how black text looks on a background with the YIQ color 76.5710, -3.3460, -5.4420.



This preview shows how white text looks on a background with the YIQ color 76.5710, -3.3460, -5.4420.

-5.4420.

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

76.5710, -3.3460, -5.4420

Protanopia

77.8710, 4.6770, -2.1630

Deuteranopia

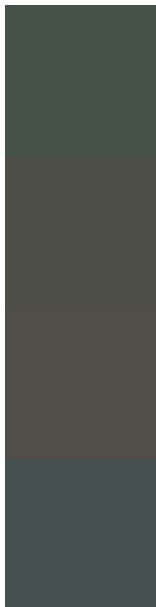
78.5450, 8.7110, 1.8230



Tritanopia

77.5910, -6.0980, 0.3820

Trichromacy



Original Color

76.5710, -3.3460, -5.4420

Protanomaly

77.3760, 1.6970, -3.2230

Deuteranomaly

77.6260, 3.9890, -0.7070

Tritanomaly

77.3090, -5.3640, -1.9080

Monochromacy



Original Color

76.5710, -3.3460, -5.4420

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.4620, -1.4210, -1.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.5710, -3.3460, -5.4420 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(70, 81, 71)` looks like.

```
.text, #text, p{  
    color:rgb(70, 81, 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(70, 81, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 81, 71) }
```

Border

The CSS property to change the border of an element to YIQ 76.5710, -3.3460, -5.4420 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(70, 81, 71) }
```


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

```
.border{ border-color:rgb(70, 81, 71) }
```

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

Here you see how a box with a 4 pixel rgb(70, 81, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 81, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 81, 71);  
box-shadow:4px 4px 4px 4px rgb(70, 81, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.5710, -3.3460, -5.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 81, 71) }
```

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

```
.background{ background-color: rgb(70, 81,  
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](#).

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