

Converting Colors

YIQ(76.4910, -0.3650, -9.9090)

Have a look what the booklet for
YIQ(76.4910, -0.3650, -9.9090)
contains.

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Color

**YIQ(76.4910, -0.3650,
-9.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	46533C
RGB	70, 83, 60
RGB Percent	27%, 33%, 24%
CMY	0.7255, 0.6745, 0.7647
CMYK	0.16, 0.00, 0.28, 0.67
HSL	94°, 16%, 28%
HSV	94°, 28%, 33%
XYZ	6.4343, 7.8153, 5.4449
YIQ	76.4910, -0.3650, -9.9090

Conversions

Conversions Part 2

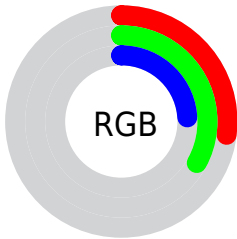
Format	Color
R_{YB}	60, 83, 73
Decimal	4608828
CIE _{Lab}	33.60, -9.99, 11.82
CIE _{LCh}	34, 15.482, 130.203
Yxy	7.8153, 0.3267, 0.3968
Android (android.graphics.Color)	4282798908 (0xFF46533C)
YUV	76.4910, -8.1301, -5.6926
Hunter-Lab	27.9558, -7.8390, 8.0213

Details

The YIQ color **76.4910, -0.3650, -9.9090** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66.5090, 0.3650, 9.9090**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.2630, 0.2770, -10.5310**, and **32.1320, -0.7320, -8.7640** is the 20% darker color. If you saturate the color by 10%, you get **74.0840, -0.7770, -13.4570**, and if you desaturate by 10%, it is **78.8980, 0.0470, -6.3610**.

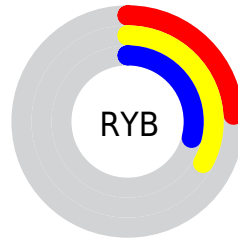
Distribution



Red (27%)

Green (33%)

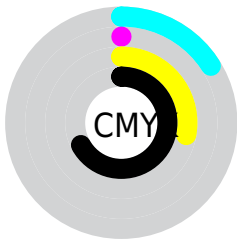
Blue (24%)



Red (24%)

Yellow (33%)

Blue (29%)

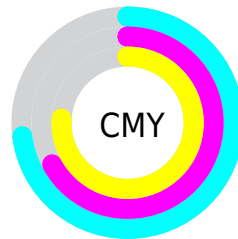


Cyan (16%)

Magenta (0%)

Yellow (28%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.4910, -0.3650, -9.9090 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 76.4910, -0.3650, -9.9090 by changing the saturation by 10% instead.

76.4910, -0.3650,
-9.9090

76.4910, -0.3650,
-9.9090

255.0000, -0.0000,
-0.0000

53.6050, -0.6860,
-9.5980

125.2630, 0.2770,
-10.5310

32.1320, -0.7320,
-8.7640

151.5510, -0.5940,
-11.2660

10.5660, -4.9500,
-9.4140

178.4370, -0.2730,
-11.5770

0.0000, 0.0000,
0.0000

205.4370, -0.2730,
-11.5770

234.0240, -0.5480,
-12.1000

253.5180, 4.1730,

-4.0430

■ 76.4910, -0.3650,
-9.9090

■ 76.4910, -0.3650,
-9.9090

■ 74.0840, -0.7770,
-13.4570

■ 78.8980, 0.0470,
-6.3610

■ 71.8620, -0.2720,
-17.1040

■ 81.1200, -0.4580,
-2.7140

■ 69.4550, -0.6840,
-20.6520

■ 83.5270, -0.0460,
0.8340

■ 67.0480, -1.0960,
-24.2000

■ 85.9340, 0.3660,
4.3820

■ 64.6410, -1.5080,
-27.7480

■ 88.1560, -0.1390,
8.0290

■ 62.4190, -1.0030,
-31.3950

■ 90.5630, 0.2730,
11.5770

■ 60.0120, -1.4150,
-34.9430

■ 92.9700, 0.6850,
15.1250

■ 59.4850, -1.3690,
-35.7770

■ 95.3770, 1.0970,
18.6730

■ 97.5990, 0.5920,
22.3200

Harmonies

Analogous

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



78.3460, 10.4090, -6.9270



76.4910, -0.3650, -9.9090



74.6190, -12.4690, -10.8130

Triad

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



76.4910, -0.3650, -9.9090



76.1960, -23.9790, -0.4510



80.7360, 18.6590, 8.7630

Complementary

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



76.4910, -0.3650, -9.9090



66.5090, 0.3650, 9.9090

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.



81.0110, 10.6350, 11.0110



76.4910, -0.3650, -9.9090



79.0450, -13.0680, 5.5560

Square

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



76.4910, -0.3650, -9.9090



73.4680, -27.9210, -6.1050



80.3240, -0.5520, 10.0080



80.0580, 20.4480, 3.8720

Rectangle

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



76.4910, -0.3650, -9.9090



73.8400, -20.4010, -10.2330



80.3240, -0.5520, 10.0080



80.8930, 16.7790, 9.7950

Sweetspot

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



76.4910, -0.3650, -9.9090



104.5930, -0.4120, -3.5480



74.5080, 10.1330, -1.9230



52.4190, 0.1380, -2.5020



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.



76.4910, -0.3650, -9.9090



97.0300, -0.6850, -15.1250



73.6150, -6.6460, -11.7180



39.6470, -0.5040, -1.8800



75.0900, -2.0550, -45.3750



166.3830, -3.6040, -99.9240

Inverse Universe

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



66.5090, 0.3650, 9.9090



81.9700, 0.6850, 15.1250



69.3850, 6.6460, 11.7180



38.0540, -0.0920, 1.6680



29.6110, 1.4590, 45.1630



65.6170, 3.6040, 99.9240

Previews

White Background



This preview shows how the YIQ color 76.4910, -0.3650, -9.9090 looks on a white background.

Color Contrast Check

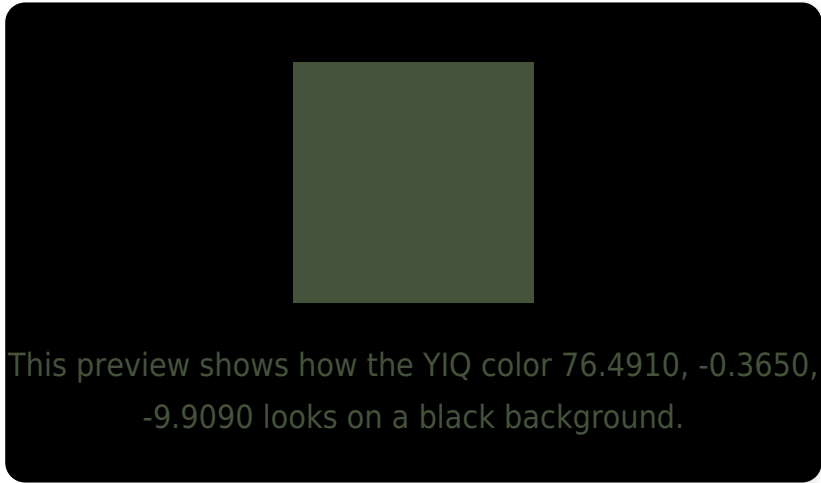
Large Text (above 18pt) WCAG AA ✓ Pass

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

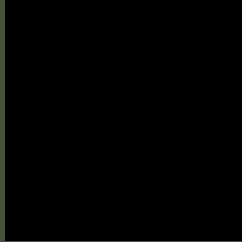
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.4910, -0.3650, -9.9090

Background



This preview shows how black text looks on a background with the YIQ color 76.4910, -0.3650, -9.9090.



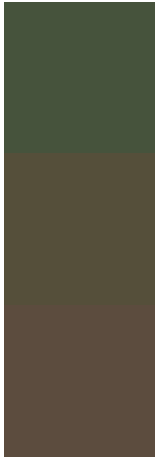
This preview shows how white text looks on a background with the YIQ color 76.4910, -0.3650, -9.9090.

-9.9090.

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

76.4910, -0.3650, -9.9090

Protanopia

78.4000, 10.3170, -5.2590

Deuteranopia

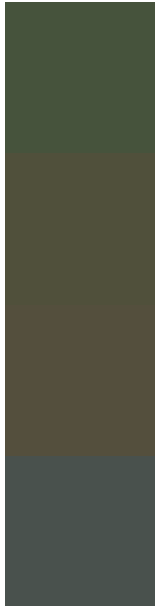
79.1880, 14.0300, -0.9620



Tritanopia

78.8900, -5.5020, 0.5940

Trichromacy



Original Color

76.4910, -0.3650, -9.9090

Protanomaly

77.6060, 6.7410, -6.5310

Deuteranomaly

78.4430, 8.7580, -4.5380

Tritanomaly

78.1520, -3.4840, -2.9400

Monochromacy



Original Color

76.4910, -0.3650, -9.9090

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.4790, -0.0910, -3.8590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.4910, -0.3650, -9.9090 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, 83, 60)` looks like.

```
.text, #text, p{  
    color:rgb(70, 83, 60)  
}
```

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, 83, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 83, 60) }
```

Border

The CSS property to change the border of an element to YIQ 76.4910, -0.3650, -9.9090 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, 83, 60) }
```


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

```
.border{ border-color:rgb(70, 83, 60) }
```

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

Here you see how a box with a 4 pixel rgb(70, 83, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 83, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 83, 60);  
box-shadow:4px 4px 4px 4px rgb(70, 83, 60)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.4910, -0.3650, -9.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 83, 60) }
```

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

```
.background{ background-color: rgb(70, 83,  
60) }
```

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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