

Converting Colors

YIQ(76.4560, 7.8840, 11.3080)

Have a look what the booklet for
YIQ(76.4560, 7.8840, 11.3080)
contains.

YIQ(76.4560, 7.8840, 11.3080)	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(76.4560, 7.8840,
11.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	5B4357
RGB	91, 67, 87
RGB Percent	36%, 26%, 34%
CMY	0.6431, 0.7373, 0.6588
CMYK	0.00, 0.26, 0.04, 0.64
HSL	310°, 15%, 31%
HSV	310°, 26%, 36%
XYZ	8.0432, 6.9264, 9.9307
YIQ	76.4560, 7.8840, 11.3080

Conversions

Conversions Part 2

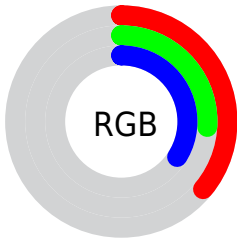
Format	Color
RYB	91, 67, 87
Decimal	5981015
CIELab	31.64, 14.18, -7.89
CIELCh	32, 16.225, 330.900
Yxy	6.9264, 0.3230, 0.2782
Android (android.graphics.Color)	4284171095 (0xFF5B4357)
YUV	76.4560, 5.1982, 12.7551
Hunter-Lab	26.3180, 8.4958, -3.9496

Details

The YIQ color **76.4560, 7.8840, 11.3080** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **81.5440, -7.8840, -11.3080**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.2820, 8.4340, 12.3540**, and **32.3310, 6.7380, 10.0500** is the 20% darker color. If you saturate the color by 10%, you get **70.9450, 11.0010, 15.3930**, and if you desaturate by 10%, it is **81.9670, 4.7670, 7.2230**.

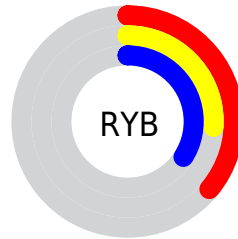
Distribution



Red (36%)

Green (26%)

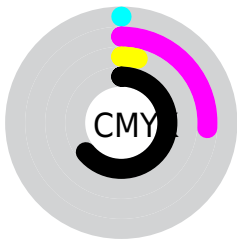
Blue (34%)



Red (36%)

Yellow (26%)

Blue (34%)

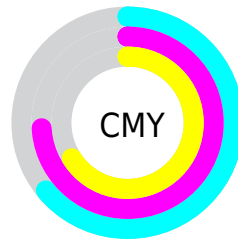


Cyan (0%)

Magenta (26%)

Yellow (4%)

Black (64%)



Cyan (64%)

Magenta (74%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.4560, 7.8840, 11.3080 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 76.4560, 7.8840, 11.3080 by changing the saturation by 10% instead.

■ 76.4560, 7.8840,
11.3080

■ 76.4560, 7.8840,
11.3080

■ 255.0000, -0.0000,
-0.0000

■ 53.7440, 7.0130,
10.5730

■ 125.2820, 8.4340,
12.3540

■ 32.3310, 6.7380,
10.0500

■ 151.5810, 9.0300,
12.5660

■ 10.2820, 8.4340,
12.3540

■ 177.9940, 9.3050,
13.0890

■ 0.0000, 0.0000,
0.0000

■ 205.9940, 9.3050,
13.0890

■ 234.2930, 9.9010,
13.3010

■ 252.6520, 1.1000,

2.0920

■ 76.4560, 7.8840,
11.3080

■ 76.4560, 7.8840,
11.3080

■ 70.9450, 11.0010,
15.3930

■ 81.9670, 4.7670,
7.2230

■ 65.5480, 13.7970,
19.7890

■ 87.3640, 1.9710,
2.8270

■ 60.0370, 16.9140,
23.8740

■ 92.8750, -1.1460,
-1.2580

■ 54.6400, 19.7100,
28.2700

■ 98.2720, -3.9420,
-5.6540

■ 48.5420, 23.1020,
32.8780

■ 104.3700, -7.3340,
-10.2620

■ 43.1450, 25.8980,
37.2740

■ 109.7670,
-10.1300, -14.6580

■ 37.6340, 29.0150,
41.3590

■ 115.2780,
-13.2470, -18.7430

■ 35.8730, 29.8400,
42.9280

■ 120.6750,
-16.0430, -23.1390

■ 126.1860,
-19.1600, -27.2240

Harmonies

Analogous

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



75.6440, -4.4490, 9.0470



76.4560, 7.8840, 11.3080



76.3060, 17.0540, 10.3180

Triad

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



76.4560, 7.8840, 11.3080



73.8410, 13.3890, -5.8670



67.6310, -29.9380, -8.0980

Complementary

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



76.4560, 7.8840, 11.3080



81.5440, -7.8840, -11.3080

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.



68.2420, -21.5930, -10.6570



76.4560, 7.8840, 11.3080



72.6440, 3.5780, -9.7820

Square

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



76.4560, 7.8840, 11.3080



74.6510, 20.0360, 0.3240



70.4730, -9.1220, -10.8980



69.5760, -28.1050, -2.7690

Rectangle

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



76.4560, 7.8840, 11.3080



75.5790, 20.5390, 7.7310



70.4730, -9.1220, -10.8980



67.4740, -28.0580, -9.1300

Sweetspot

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



76.4560, 7.8840, 11.3080



111.6030, 2.7960, 4.3960



70.9320, -5.3200, 8.3120



55.3640, 1.9710, 2.8270



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



76.4560, 7.8840, 11.3080



94.5970, 12.1010, 17.4850



75.0880, 11.7360, 7.5760



42.9510, 1.6960, 2.3040



43.2640, 36.3490, 51.6210



93.4350, 77.6940, 111.8220

Inverse Universe

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



76.4560, 7.8840, 11.3080



94.5970, 12.1010, 17.4850



82.9120, -11.7360, -7.5760



42.9510, 1.6960, 2.3040



43.2640, 36.3490, 51.6210



93.4350, 77.6940, 111.8220

Previews

White Background



This preview shows how the YIQ color 76.4560, 7.8840, 11.3080 looks on a white background.

Color Contrast Check

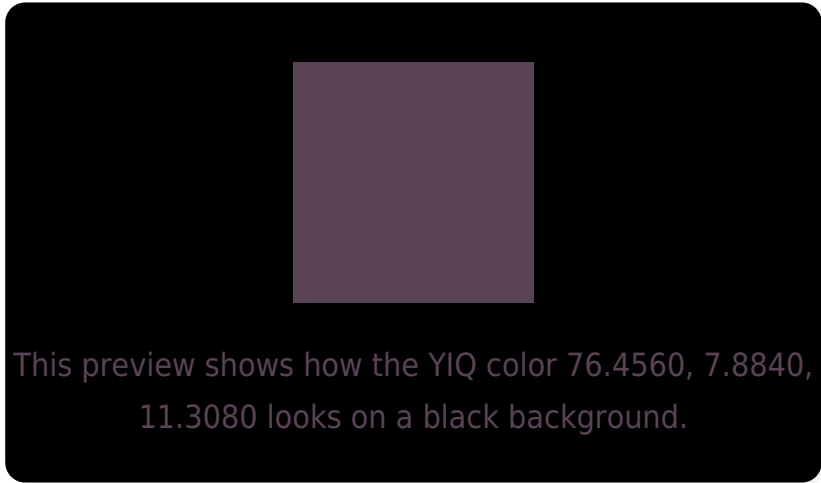
Large Text (above 18pt) WCAG AA ✓ Pass

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

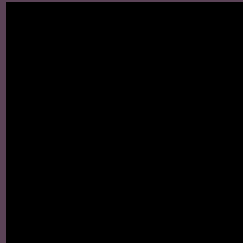
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.4560, 7.8840, 11.3080

Background



This preview shows how black text looks on a background with the YIQ color 76.4560, 7.8840, 11.3080.

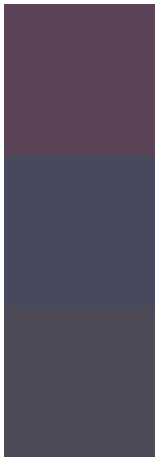


This preview shows how white text looks on a background with the YIQ color 76.4560, 7.8840,

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

76.4560, 7.8840, 11.3080

Protanopia

75.1550, -7.5660, 4.9620

Deuteranopia

75.6780, -1.7890, 4.8910



Tritanopia

75.6640, 9.9940, 6.1060

Trichromacy



Original Color

76.4560, 7.8840, 11.3080

Protanomaly

75.2590, -1.9270, 7.3930

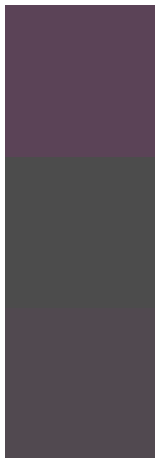
Deuteranomaly

75.9990, 1.7410, 6.9970

Tritanomaly

75.8320, 9.5810, 8.0850

Monochromacy



Original Color

76.4560, 7.8840, 11.3080

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.1900, 2.5210, 3.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.4560, 7.8840, 11.3080 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(91, 67, 87)` looks like.

```
.text, #text, p{  
    color:rgb(91, 67, 87)  
}
```

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(91, 67, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 67, 87) }
```

Border

The CSS property to change the border of an element to YIQ 76.4560, 7.8840, 11.3080 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(91, 67, 87) }
```


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

```
.border{ border-color:rgb(91, 67, 87) }
```

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

Here you see how a box with a 4 pixel rgb(91, 67, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 67, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 67, 87);  
box-shadow:4px 4px 4px 4px rgb(91, 67, 87)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.4560, 7.8840, 11.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 67, 87) }
```

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

```
.background{ background-color: rgb(91, 67,  
87) }
```

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