

Converting Colors

YIQ(89.4460, 13.8440, 13.4280)

Have a look what the booklet for
YIQ(89.4460, 13.8440, 13.4280)
contains.

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Color

**YIQ(89.4460, 13.8440,
13.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	6F4D61
RGB	111, 77, 97
RGB Percent	44%, 30%, 38%
CMY	0.5646, 0.6981, 0.6196
CMYK	0.00, 0.31, 0.13, 0.56
HSL	325°, 18%, 37%
HSV	325°, 31%, 44%
XYZ	11.3696, 9.5501, 12.5558
YIQ	89.4460, 13.8440, 13.4280

Conversions

Conversions Part 2

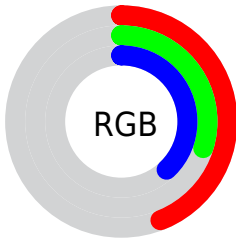
Format	Color
R_{YB}	111, 77, 97
Decimal	7294305
CIE Lab	37.02, 17.82, -5.93
CIE LCh	37, 18.776, 341.591
Yxy	9.5501, 0.3396, 0.2853
Android (android.graphics.Color)	4285484385 (0xFF6F4D61)
YUV	89.4460, 3.7241, 18.9029
Hunter-Lab	30.9032, 11.5912, -2.4570

Details

The YIQ color **89.4460, 13.8440, 13.4280** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **98.5540, -13.8440, -13.4280**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.5710, 14.9900, 14.6860**, and **43.1360, 11.7810, 12.2690** is the 20% darker color. If you saturate the color by 10%, you get **82.4190, 18.4740, 17.6260**, and if you desaturate by 10%, it is **96.4730, 9.2140, 9.2300**.

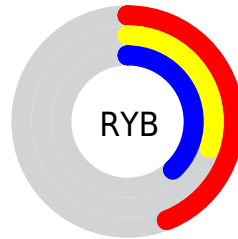
Distribution



Red (44%)

Green (30%)

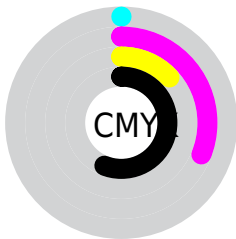
Blue (38%)



Red (44%)

Yellow (30%)

Blue (38%)

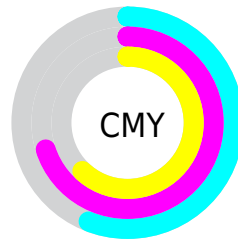


Cyan (0%)

Magenta (31%)

Yellow (13%)

Black (56%)



Cyan (56%)

Magenta (70%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.4460, 13.8440, 13.4280 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 89.4460, 13.8440, 13.4280 by changing the saturation by 10% instead.

■ 89.4460, 13.8440,
13.4280

■ 89.4460, 13.8440,
13.4280

■ 255.0000, -0.0000,
-0.0000

■ 65.7340, 12.9730,
12.6930

■ 139.5710, 14.9900,
14.6860

■ 43.1360, 11.7810,
12.2690

■ 166.1690, 16.1820,
15.1100

■ 21.8370, 11.1850,
12.0570

■ 193.5820, 16.4570,
15.6330

■ 3.8160, 6.5100,
3.1660

■ 221.5820, 16.4570,
15.6330

■ 0.0000, 0.0000,
0.0000

■ 243.2600, 5.5000,
10.4600

■ 89.4460, 13.8440,
13.4280

■ 89.4460, 13.8440,
13.4280

■ 82.4190, 18.4740,
17.6260

■ 96.4730, 9.2140,
9.2300

■ 75.5060, 22.7830,
22.1350

■ 103.3860, 4.9050,
4.7210

■ 68.4790, 27.4130,
26.3330

■ 110.4130, 0.2750,
0.5230

■ 61.5660, 31.7220,
30.8420

■ 117.3260, -4.0340,
-3.9860

■ 53.9520, 36.6270,
35.5630

■ 124.9400, -8.9390,
-8.7070

■ 47.0390, 40.9360,
40.0720


■ 131.8530,
-13.2480, -13.2160

■ 40.5990, 45.2910,
43.7470

■ 138.8800,
-17.8780, -17.4140

■ 145.9070,

-22.5080, -21.6120

 152.8200,
-26.8170, -26.1210

Harmonies

Analogous

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



89.0900, 0.2270, 12.4110



89.4460, 13.8440, 13.4280



88.9430, 22.5100, 10.5580

Triad

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



89.4460, 13.8440, 13.4280



85.6620, 12.3350, -8.7930



79.0370, -36.9530, -7.6170

Complementary

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



89.4460, 13.8440, 13.4280



98.5540, -13.8440, -13.4280

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.



78.9250, -30.9460, -11.8580



89.4460, 13.8440, 13.4280



83.7250, -1.1440, -12.3120

Square

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



89.4460, 13.8440, 13.4280



87.1410, 21.4120, -2.5880



81.5860, -16.8700, -13.6540



82.6730, -29.7560, -0.3800

Rectangle

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



89.4460, 13.8440, 13.4280



88.3900, 25.4450, 6.9250



81.5860, -16.8700, -13.6540



78.7550, -36.2190, -9.9070

Sweetspot

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



89.4460, 13.8440, 13.4280



136.7990, 5.1800, 5.2440



85.0620, -2.5700, 13.5420



68.9620, 3.1630, 3.2510



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.



89.4460, 13.8440, 13.4280



111.3810, 21.6370, 20.8770



87.5080, 19.3010, 8.1410



52.2500, 2.2920, 2.5160



43.9740, 48.7290, 47.5210



90.4970, 100.3460, 97.7700

Inverse Universe

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



89.4460, 13.8440, 13.4280



111.3810, 21.6370, 20.8770



100.4920, -19.3010, -8.1410



52.2500, 2.2920, 2.5160



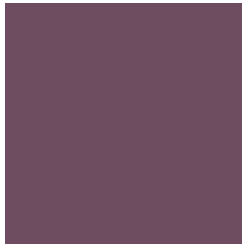
43.9740, 48.7290, 47.5210



90.4970, 100.3460, 97.7700

Previews

White Background



This preview shows how the YIQ color 89.4460, 13.8440, 13.4280 looks on a white background.

Color Contrast Check

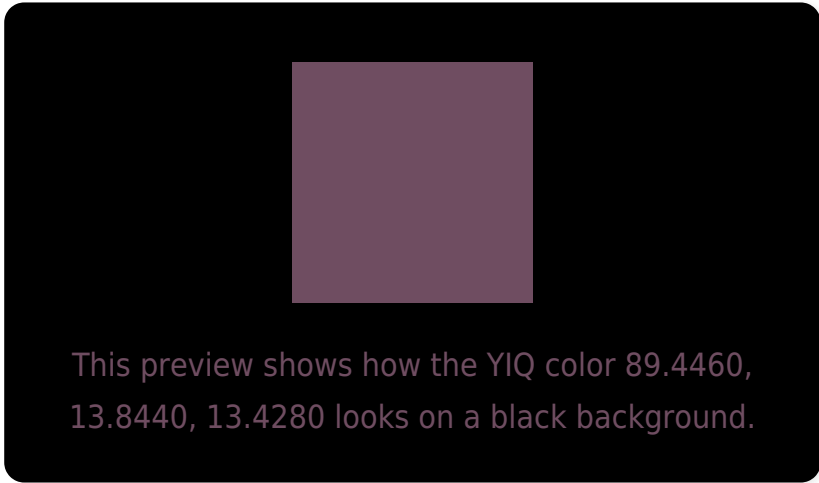
Large Text (above 18pt) WCAG AA ✓ Pass

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

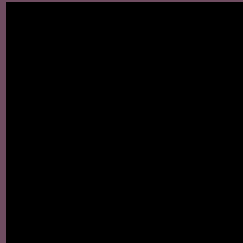
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.4460, 13.8440, 13.4280

Background



This preview shows how black text looks on a background with the YIQ color 89.4460, 13.8440, 13.4280.

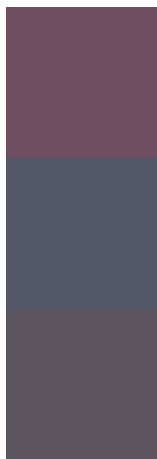


This preview shows how white text looks on a background with the YIQ color 89.4460, 13.8440,

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

89.4460, 13.8440, 13.4280

Protanopia

87.9270, -6.9240, 4.3400

Deuteranopia

88.3470, 0.6410, 4.9050



Tritanopia

88.9530, 16.5500, 8.4380

Trichromacy



Original Color

89.4460, 13.8440, 13.4280

Protanomaly

88.3410, 0.7780, 7.9300

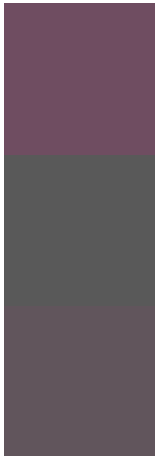
Deuteranomaly

88.6790, 5.6380, 7.9580

Tritanomaly

88.8220, 15.5410, 10.2050

Monochromacy



Original Color

89.4460, 13.8440, 13.4280

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.3860, 4.9050, 4.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.4460, 13.8440, 13.4280 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(111, 77, 97)` looks like.

```
.text, #text, p{  
    color:rgb(111, 77, 97)  
}
```

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(111, 77, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 77, 97) }
```

Border

The CSS property to change the border of an element to YIQ 89.4460, 13.8440, 13.4280 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(111, 77, 97) }
```


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

```
.border{ border-color:rgb(111, 77, 97) }
```

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

Here you see how a box with a 4 pixel rgb(111, 77, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 77, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 77, 97);  
box-shadow:4px 4px 4px 4px rgb(111, 77,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 89.4460, 13.8440, 13.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 77, 97) }
```

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

```
.background{ background-color: rgb(111, 77,  
97) }
```

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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