

Converting Colors

YIQ(81.3840, 8.3870, 18.7150)

Have a look what the booklet for
YIQ(81.3840, 8.3870, 18.7150)
contains.

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Color

**YIQ(81.3840, 8.3870,
18.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	654368
RGB	101, 67, 104
RGB Percent	40%, 26%, 41%
CMY	0.6038, 0.7373, 0.5922
CMYK	0.03, 0.36, 0.00, 0.59
HSL	295°, 22%, 34%
HSV	295°, 36%, 41%
XYZ	9.8749, 7.7804, 14.0783
YIQ	81.3840, 8.3870, 18.7150

Conversions

Conversions Part 2

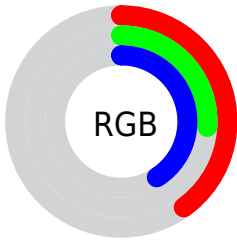
Format	Color
RYB	101, 67, 104
Decimal	6636392
CIELab	33.52, 21.60, -15.75
CIElCh	34, 26.734, 323.899
Yxy	7.7804, 0.3112, 0.2452
Android (android.graphics.Color)	4284826472 (0xFF654368)
YUV	81.3840, 11.1497, 17.2032
Hunter-Lab	27.8933, 14.3798, -10.3996

Details

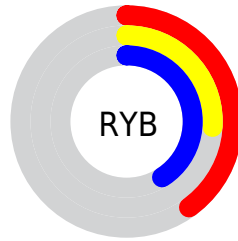
The YIQ color **81.3840, 8.3870, 18.7150** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.6160, -8.3870, -18.7150**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5090, 9.5330, 19.9730**, and **35.8460, 6.9660, 16.9340** is the 20% darker color. If you saturate the color by 10%, you get **75.2150, 10.5410, 23.7330**, and if you desaturate by 10%, it is **87.5530, 6.2330, 13.6970**.

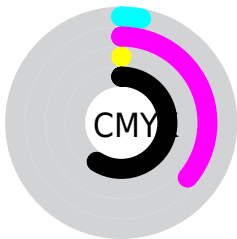
Distribution



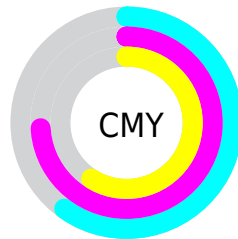
- Red (40%)
- Green (26%)
- Blue (41%)



- Red (40%)
- Yellow (26%)
- Blue (41%)



- Cyan (3%)
- Magenta (36%)
- Yellow (0%)
- Black (59%)



- Cyan (60%)
- Magenta (74%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.3840, 8.3870, 18.7150 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 81.3840, 8.3870, 18.7150 by changing the saturation by 10% instead.

81.3840, 8.3870,
18.7150

81.3840, 8.3870,
18.7150

255.0000, -0.0000,
-0.0000

57.9710, 8.1120,
18.1920

131.5090, 9.5330,
19.9730

35.8460, 6.9660,
16.9340

157.3350, 10.0830,
21.0190

13.8570, 8.4330,
17.8810

184.4490, 9.7620,
21.3300

1.2540, -3.5310,
3.4210

212.1610, 10.6330,
22.0650

0.0000, 0.0000,
0.0000

236.2160, 8.8000,
16.7360

253.2390, 0.8250,

1.5690

■ 81.3840, 8.3870,
18.7150

■ 81.3840, 8.3870,
18.7150

■ 75.2150, 10.5410,
23.7330

■ 87.5530, 6.2330,
13.6970

■ 68.4590, 12.9700,
29.2740

■ 94.3090, 3.8040,
8.1560

■ 62.5890, 15.7200,
34.5040

■ 100.4780, 1.6500,
3.1380

■ 55.8330, 18.1490,
40.0450

■ 106.9350, -1.3750,
-2.6150

■ 49.6640, 20.3030,
45.0630

■ 113.1040, -3.5290,
-7.6330

■ 43.4950, 22.4570,
50.0810

■ 119.2730, -5.6830,
-12.6510

■ 40.5600, 23.8320,
52.6960

■ 126.0290, -8.1120,
-18.1920

■ 132.1980,
-10.2660, -23.2100

■ 138.9540,
-12.6950, -28.7510

Harmonies

Analogous

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



79.4890, -14.0780, 12.8500



81.3840, 8.3870, 18.7150



80.6540, 25.1220, 18.2900

Triad

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



81.3840, 8.3870, 18.7150



77.4200, 24.7600, -8.2000



63.6600, -55.2450, -17.5250

Complementary

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



81.3840, 8.3870, 18.7150



89.6160, -8.3870, -18.7150

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.



63.6690, -42.2690, -21.4130



81.3840, 8.3870, 18.7150



75.5920, 9.3560, -15.3800

Square

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



81.3840, 8.3870, 18.7150



78.8220, 32.7360, 1.4400



72.0610, -11.1380, -18.4180



63.8370, -59.8770, -10.6690

Rectangle

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



81.3840, 8.3870, 18.7150



79.9550, 31.4040, 14.5720



72.0610, -11.1380, -18.4180



62.8620, -52.9980, -19.7020

Sweetspot

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



81.3840, 8.3870, 18.7150



125.8960, 3.5290, 7.6330



72.9790, -12.7020, 9.9380



63.4180, 1.8790, 4.4950



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.



81.3840, 8.3870, 18.7150



99.4590, 12.9700, 29.2740



80.5710, 14.9900, 14.6860



48.0650, 1.3750, 2.6150



44.8040, 26.2610, 58.2370



94.2650, 55.2260, 122.5380

Inverse Universe

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



78.4050, 21.0890, 8.7770



94.9120, 32.9630, 13.8510



90.4290, -14.9900, -14.6860



47.4950, 2.9800, 1.0600



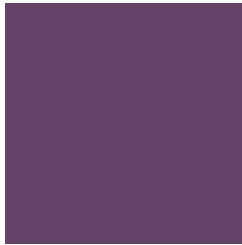
35.4110, 65.6510, 27.1790



74.5240, 138.1330, 57.2130

Previews

White Background



This preview shows how the YIQ color 81.3840, 8.3870, 18.7150 looks on a white background.

Color Contrast Check

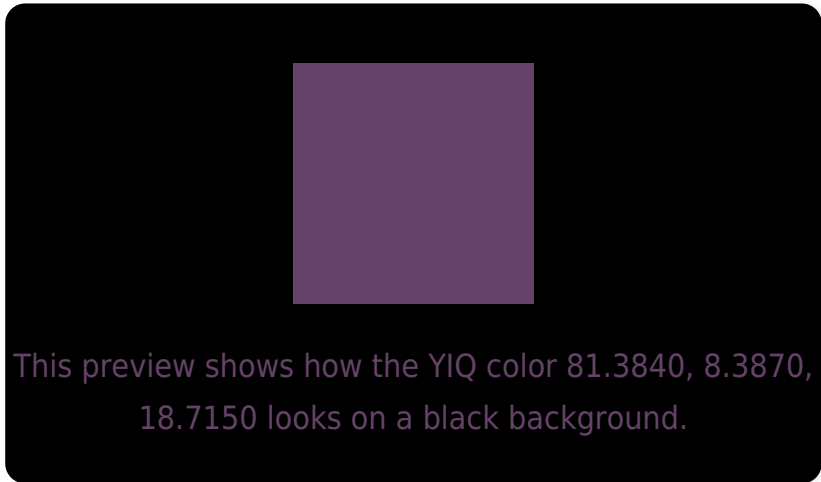
Large Text (above 18pt) WCAG AA ✓ Pass

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

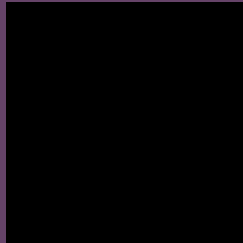
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.3840, 8.3870, 18.7150

Background



This preview shows how black text looks on a background with the YIQ color 81.3840, 8.3870, 18.7150.



This preview shows how white text looks on a background with the YIQ color 81.3840, 8.3870,

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

81.3840, 8.3870, 18.7150

Protanopia

78.8860, -16.8740, 8.4540

Deuteranopia

79.8390, -9.4920, 6.8280



Tritanopia

80.1590, 12.9740, 7.1660

Trichromacy



Original Color

81.3840, 8.3870, 18.7150

Protanomaly

79.7840, -7.6590, 12.1570

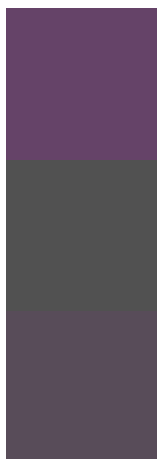
Deuteranomaly

80.2960, -3.3490, 11.1390

Tritanomaly

80.3100, 11.2310, 11.2230

Monochromacy



Original Color

81.3840, 8.3870, 18.7150

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

81.0700, 2.9790, 6.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.3840, 8.3870, 18.7150 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(101, 67, 104)` looks like.

```
.text, #text, p{  
    color:rgb(101, 67, 104)  
}
```

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(101, 67, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 67, 104) }
```

Border

The CSS property to change the border of an element to YIQ 81.3840, 8.3870, 18.7150 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(101, 67, 104) }
```


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

```
.border{ border-color:rgb(101, 67, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 67, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 67, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 67, 104);  
box-shadow:4px 4px 4px 4px rgb(101, 67,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 81.3840, 8.3870, 18.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 67, 104) }
```

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

```
.background{ background-color: rgb(101, 67,  
104) }
```

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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