

Converting Colors

YIQ(36.3980, 14.9400, 37.6280)

Have a look what the booklet for
YIQ(36.3980, 14.9400, 37.6280)
contains.

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Color

**YIQ(36.3980, 14.9400,
37.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	4A0854
RGB	74, 8, 84
RGB Percent	29%, 3%, 33%
CMY	0.7096, 0.9687, 0.6706
CMYK	0.12, 0.91, 0.00, 0.67
HSL	292°, 83%, 18%
HSV	292°, 91%, 33%
XYZ	4.5148, 2.2711, 8.5879
YIQ	36.3980, 14.9400, 37.6280

Conversions

Conversions Part 2

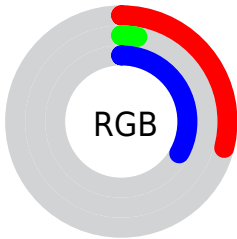
Format	Color
R_{YB}	74, 8, 84
Decimal	4851796
CIE _{Lab}	16.85, 39.49, -29.13
CIE _{LCh}	17, 49.069, 323.580
Yxy	2.2711, 0.2937, 0.1477
Android (android.graphics.Color)	4283041876 (0xFF4A0854)
YUV	36.3980, 23.4678, 32.9770
Hunter-Lab	15.0701, 27.1038, -23.2383

Details

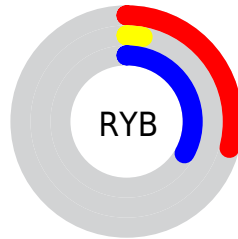
The YIQ color **36.3980, 14.9400, 37.6280** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **55.6020, -14.9400, -37.6280**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **88.7570, 15.3070, 36.4830**, and **12.7040, 4.4900, 17.7540** is the 20% darker color. If you saturate the color by 10%, you get **31.4030, 16.5440, 41.6000**, and if you desaturate by 10%, it is **41.3930, 13.3360, 33.6560**.

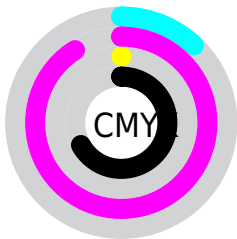
Distribution



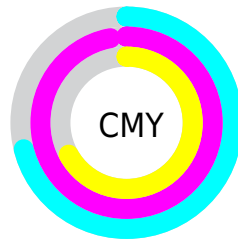
- Red (29%)
- Green (3%)
- Blue (33%)



- Red (29%)
- Yellow (3%)
- Blue (33%)



- Cyan (12%)
- Magenta (91%)
- Yellow (0%)
- Black (67%)





- Cyan (71%)
- Magenta (97%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the YIQ color 36.3980, 14.9400, 37.6280 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 36.3980, 14.9400, 37.6280 by changing the saturation by 10% instead.


 36.3980, 14.9400,
37.6280


 36.3980, 14.9400,
37.6280


 251.4780, 1.6500,
3.1380


 21.4910, 9.9440,
29.0480

 88.7570, 15.3070,
36.4830


 12.7040, 4.4900,
17.7540


 114.2840, 15.2610,
37.3170

 2.2970, -5.0900,
4.1420

 140.4090, 16.4070,
38.5750

 0.0000, 0.0000,
0.0000


 167.8220, 16.6820,
39.0980


 195.5340, 17.5530,
39.8330


 218.0190, 17.3250,


32.9490


 234.4550, 9.6250,
18.3050


 36.3980, 14.9400,
37.6280

 36.3980, 14.9400,
37.6280

 31.4030, 16.5440,
41.6000

 41.3930, 13.3360,
33.6560

 46.9750, 11.4570,
29.1610

 51.9700, 9.8530,
25.1890

 57.5520, 7.9740,
20.6940

 62.8460, 6.9660,
16.9340

■ 67.8410, 5.3620,
12.9620

■ 73.4230, 3.4830,
8.4670

■ 78.4180, 1.8790,
4.4950

■ 84.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



33.3300, -44.2470, 14.4490



36.3980, 14.9400, 37.6280



34.8170, 41.4410, 36.4250

Triad

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



36.3980, 14.9400, 37.6280



39.9470, 24.7140, -7.3660



40.1510, -37.2740, -7.3060

Complementary

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



36.3980, 14.9400, 37.6280



55.6020, -14.9400, -37.6280

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.



36.0470, -25.7180, -18.5020



36.3980, 14.9400, 37.6280



35.6510, 1.7000, -19.8040

Square

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



36.3980, 14.9400, 37.6280



35.6820, 45.1140, 8.3940



30.5240, -14.3000, -27.1960



42.9840, -46.6290, 2.5470

Rectangle

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



36.3980, 14.9400, 37.6280



32.7930, 50.0160, 29.6960



30.5240, -14.3000, -27.1960



38.7830, -33.4220, -11.0380

Sweetspot

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



36.3980, 14.9400, 37.6280



91.1940, 5.8660, 14.8420



22.5340, -27.1460, 18.4060



44.8360, 3.7580, 8.9900



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



36.3980, 14.9400, 37.6280



40.9450, 21.3100, 54.3500



36.1960, 29.8880, 31.0400



38.3530, 0.5040, 1.8800



39.1790, 20.5310, 51.9470



86.8460, 45.9200, 114.9760

Inverse Universe

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



31.8640, 42.0860, 19.2220



34.4860, 61.0660, 27.6740



55.8040, -29.8880, -31.0400



38.1960, 2.3840, 0.8480



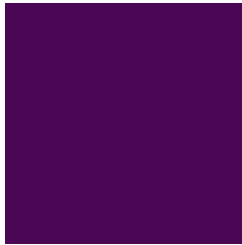
32.9910, 58.0860, 26.6140



72.7880, 128.6420, 58.5140

Previews

White Background



This preview shows how the YIQ color 36.3980, 14.9400, 37.6280 looks on a white background.

Color Contrast Check

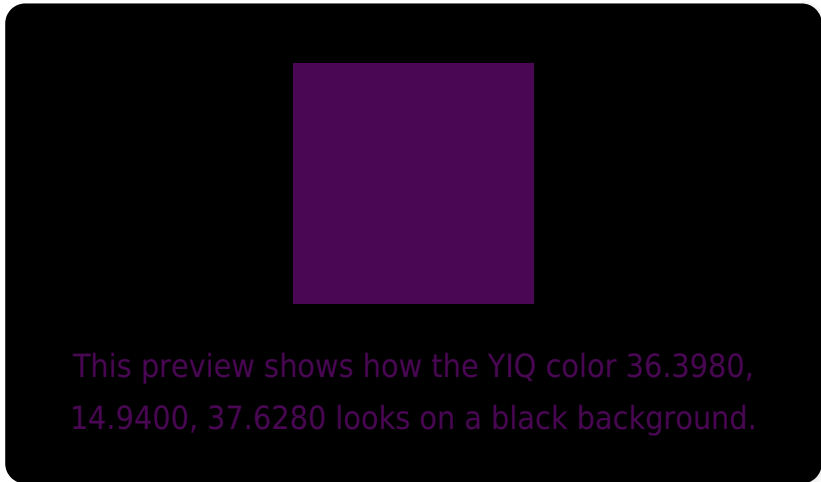
Large Text (above 18pt) WCAG AA ✓ Pass

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

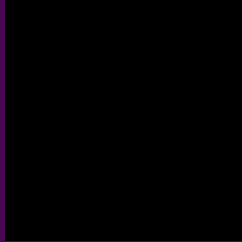
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.3980, 14.9400, 37.6280

Background



This preview shows how black text looks on a background with the YIQ color 36.3980, 14.9400, 37.6280.



This preview shows how white text looks on a background with the YIQ color 36.3980, 14.9400,

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

36.3980, 14.9400, 37.6280

Protanopia

35.5010, -40.7150, 5.5010

Deuteranopia

38.4110, -31.7740, 3.1540



Tritanopia

43.8070, 19.8970, 8.3530

Trichromacy



Original Color

36.3980, 14.9400, 37.6280

Protanomaly

35.7150, -20.4060, 17.4020

Deuteranomaly

37.8850, -15.1330, 15.4510

Tritanomaly

41.0600, 18.1070, 18.7710

Monochromacy



Original Color

36.3980, 14.9400, 37.6280

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.2540, 5.6370, 13.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.3980, 14.9400, 37.6280 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(74, 8, 84)` looks like.

```
.text, #text, p{  
    color:rgb(74, 8, 84)  
}
```

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(74, 8, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 8, 84) }
```

Border

The CSS property to change the border of an element to YIQ 36.3980, 14.9400, 37.6280 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(74, 8, 84) }
```


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

```
.border{ border-color:rgb(74, 8, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 8, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 8, 84); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 8, 84); box-shadow:4px  
4px 4px 4px rgb(74, 8, 84) }
```

Background

The CSS property to change the background color of an element to YIQ 36.3980, 14.9400, 37.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 8, 84) }
```

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

```
.background{ background-color: rgb(74, 8,  
84) }
```

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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