

Converting Colors

YIQ(36.3810, 4.4420, 29.6420)

Have a look what the booklet for
YIQ(36.3810, 4.4420, 29.6420)
contains.

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Color

**YIQ(36.3810, 4.4420,
29.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1052
RGB	59, 16, 82
RGB Percent	23%, 6%, 32%
CMY	0.7685, 0.9373, 0.6785
CMYK	0.28, 0.81, 0.00, 0.68
HSL	279°, 67%, 19%
HSV	279°, 81%, 32%
XYZ	3.5135, 1.9100, 8.1644
YIQ	36.3810, 4.4420, 29.6420

Conversions

Conversions Part 2

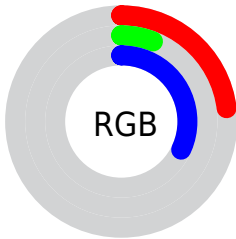
Format	Color
R_{YB}	59, 16, 82
Decimal	3870802
CIE _{Lab}	15.01, 32.91, -30.88
CIE _{LCh}	15, 45.122, 316.823
Yxy	1.9100, 0.2586, 0.1406
Android (android.graphics.Color)	4282060882 (0xFF3B1052)
YUV	36.3810, 22.4902, 19.8369
Hunter-Lab	13.8204, 21.1933, -25.3513

Details

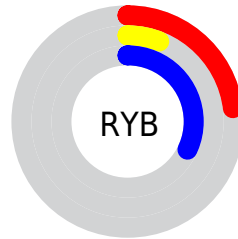
The YIQ color **36.3810, 4.4420, 29.6420** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **61.6190, -4.4420, -29.6420**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **84.6200, 5.2670, 31.2110**, and **4.7020, -10.3640, 11.6200** is the 20% darker color. If you saturate the color by 10%, you get **30.7880, 4.8540, 33.1900**, and if you desaturate by 10%, it is **41.9740, 4.0300, 26.0940**.

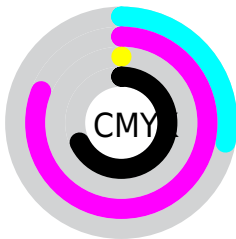
Distribution



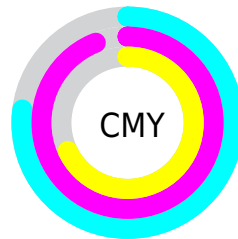
- Red (23%)
- Green (6%)
- Blue (32%)



- Red (23%)
- Yellow (6%)
- Blue (32%)



- Cyan (28%)
- Magenta (81%)
- Yellow (0%)
- Black (68%)





- Cyan (77%)
- Magenta (94%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the YIQ color 36.3810, 4.4420, 29.6420 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 36.3810, 4.4420, 29.6420 by changing the saturation by 10% instead.


 36.3810, 4.4420,
29.6420

 36.3810, 4.4420,
29.6420


 251.4780, 1.6500,
3.1380

 17.4900, 2.5170,
25.9810

 84.6200, 5.2670,
31.2110


 4.7020, -10.3640,
11.6200

 109.4460, 5.8170,
32.2570

 1.3680, -3.8520,
3.7320

 135.8590, 6.0920,
32.7800

 0.0000, 0.0000,
0.0000


 162.0980, 6.9170,
34.3490


 189.6250, 6.8710,
35.1830


 216.2140, 12.2820,

30.7300


 235.0420, 9.3500,
17.7820

 36.3810, 4.4420,
29.6420

 36.3810, 4.4420,
29.6420


 30.7880, 4.8540,
33.1900

 41.9740, 4.0300,
26.0940

 25.1950, 5.2660,
36.7380

 47.5670, 3.6180,
22.5460

 53.7470, 2.9310,
18.4750

 59.0410, 1.9230,
14.7150

 64.6340, 1.5110,
11.1670

■ 70.2270, 1.0990,
7.6190

■ 75.8200, 0.6870,
4.0710

■ 82.0000, 0.0000,
-0.0000

■ 87.5930, -0.4120,
-3.5480

Harmonies

Analogous

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



32.5320, -42.0000, 12.2720



36.3810, 4.4420, 29.6420



31.4570, 33.6470, 34.5030

Triad

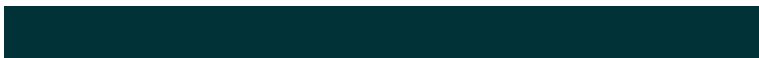
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.3810, 4.4420, 29.6420



35.8380, 26.6390, -3.7050



35.6200, -31.4050, -9.0450

Complementary

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



36.3810, 4.4420, 29.6420



61.6190, -4.4420, -29.6420

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.



31.8580, -20.8120, -19.3080



36.3810, 4.4420, 29.6420



33.9230, 6.9260, -15.3940

Square

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



36.3810, 4.4420, 29.6420



29.7900, 44.9300, 11.7300



27.5890, -12.9250, -24.5810



38.9260, -40.7140, -0.0260

Rectangle

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



36.3810, 4.4420, 29.6420



30.5580, 43.3680, 29.0320



27.5890, -12.9250, -24.5810



34.3660, -27.8740, -12.4660

Sweetspot

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



36.3810, 4.4420, 29.6420



89.0470, 1.7860, 11.6900



37.0250, -27.5110, 8.4970



42.8140, 0.8240, 7.0960



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.



36.3810, 4.4420, 29.6420



35.1880, 7.1440, 46.7600



42.1180, 21.3600, 31.4080



38.0540, -0.0920, 1.6680



32.3020, 6.8230, 47.0710



71.5970, 15.5240, 104.1640

Inverse Universe

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



38.3560, 31.9530, 21.1450



38.2000, 50.4280, 33.2440



55.8820, -21.3600, -31.4080



38.3100, 2.0630, 1.1590



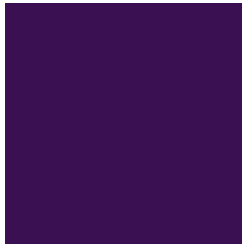
35.4990, 51.0240, 33.4560



78.6020, 112.2710, 74.3750

Previews

White Background



This preview shows how the YIQ color 36.3810, 4.4420, 29.6420 looks on a white background.

Color Contrast Check

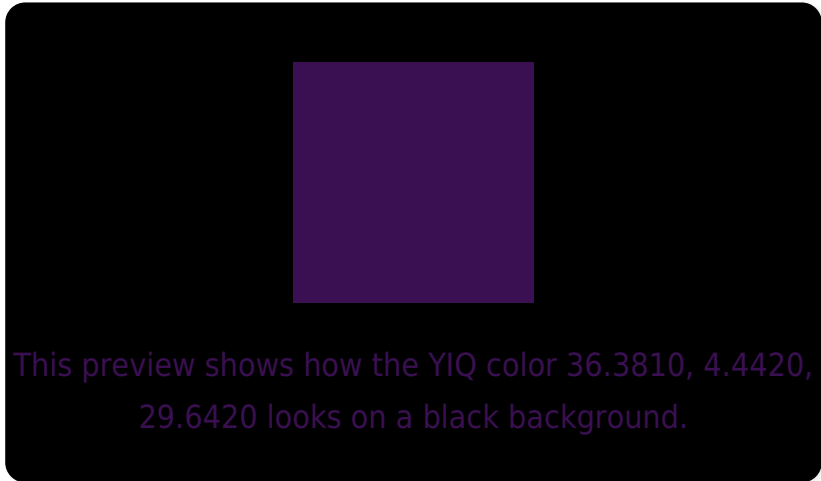
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.3810, 4.4420, 29.6420

Background



This preview shows how black text looks on a background with the YIQ color 36.3810, 4.4420, 29.6420.



This preview shows how white text looks on a background with the YIQ color 36.3810, 4.4420,

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

36.3810, 4.4420, 29.6420

Protanopia

31.4260, -36.1300, 5.0060

Deuteranopia

31.4600, -33.4700, 0.8500



Tritanopia

40.3110, 9.4900, 4.2260

Trichromacy



Original Color

36.3810, 4.4420, 29.6420

Protanomaly

33.1230, -21.7350, 13.9530

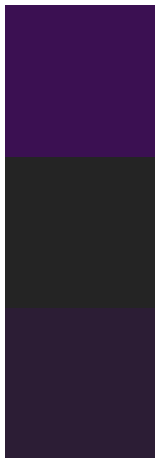
Deuteranomaly

32.9120, -19.7630, 11.2530

Tritanomaly

38.9230, 8.0670, 13.4990

Monochromacy



Original Color

36.3810, 4.4420, 29.6420

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.2210, 1.2360, 10.6440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.3810, 4.4420, 29.6420 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(59, 16, 82)` looks like.

```
.text, #text, p{  
    color:rgb(59, 16, 82)  
}
```

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(59, 16, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 16, 82) }
```

Border

The CSS property to change the border of an element to YIQ 36.3810, 4.4420, 29.6420 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(59, 16, 82) }
```


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

```
.border{ border-color:rgb(59, 16, 82) }
```

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

Here you see how a box with a 4 pixel rgb(59, 16, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 16, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 16, 82);  
box-shadow:4px 4px 4px 4px rgb(59, 16, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.3810, 4.4420, 29.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 16, 82) }
```

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

```
.background{ background-color: rgb(59, 16,  
82) }
```

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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