

Converting Colors

YIQ(37.2970, 4.0780, 14.2060)

Have a look what the booklet for
YIQ(37.2970, 4.0780, 14.2060)
contains.

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Color

**YIQ(37.2970, 4.0780,
14.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	321B39
RGB	50, 27, 57
RGB Percent	20%, 11%, 22%
CMY	0.8038, 0.8942, 0.7765
CMYK	0.12, 0.53, 0.00, 0.78
HSL	286°, 36%, 16%
HSV	286°, 53%, 22%
XYZ	2.4465, 1.7574, 4.0809
YIQ	37.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

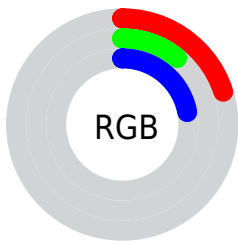
Format	Color
R_{YB}	50, 27, 57
Decimal	3283769
CIE Lab	14.16, 17.63, -14.93
CIE LCh	14, 23.108, 319.741
Yxy	1.7574, 0.2953, 0.2121
Android (android.graphics.Color)	4281473849 (0xFF321B39)
YUV	37.2970, 9.7136, 11.1405
Hunter-Lab	13.2567, 9.7427, -8.9721

Details

The YIQ color **37.2970, 4.0780, 14.2060** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **46.7030, -4.0780, -14.2060**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **82.5360, 4.9030, 15.7750**, and **1.3680, -3.8520, 3.7320** is the 20% darker color. If you saturate the color by 10%, you get **33.4760, 5.1320, 17.1320**, and if you desaturate by 10%, it is **41.1180, 3.0240, 11.2800**.

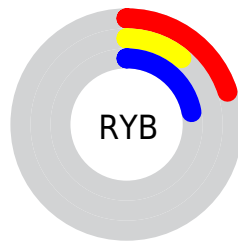
Distribution



Red (20%)

Green (11%)

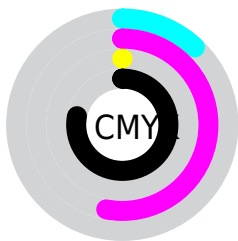
Blue (22%)



Red (20%)

Yellow (11%)

Blue (22%)

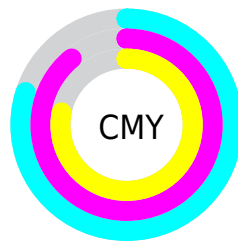


Cyan (12%)

Magenta (53%)

Yellow (0%)

Black (78%)



Cyan (80%)

Magenta (89%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.2970, 4.0780, 14.2060 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 37.2970, 4.0780, 14.2060 by changing the saturation by 10% instead.

■ 37.2970, 4.0780,
14.2060

■ 37.2970, 4.0780,
14.2060

■ 255.0000, -0.0000,
-0.0000

■ 14.7210, 5.8200,
15.6760

■ 82.5360, 4.9030,
15.7750

■ 1.3680, -3.8520,
3.7320

■ 106.9490, 5.1780,
16.2980

■ 0.0000, 0.0000,
0.0000


■ 132.3620, 5.4530,
16.8210


■ 158.7750, 5.7280,
17.3440

■ 185.6010, 6.2780,
18.3900


■ 213.6010, 6.2780,


18.3900


 239.1510, 7.4250,
14.1210


 37.2970, 4.0780,
14.2060


 37.2970, 4.0780,
14.2060


 33.4760, 5.1320,
17.1320


 41.1180, 3.0240,
11.2800


 29.9430, 5.3150,
19.3230


 44.6510, 2.8410,
9.0890

 26.1220, 6.3690,
22.2490

 48.4720, 1.7870,
6.1630

 22.3010, 7.4230,
25.1750

 52.2930, 0.7330,
3.2370

 19.6540, 7.9270,
27.0550

 55.8260, 0.5500,
1.0460

■ 59.6470, -0.5040,
-1.8800

■ 63.4680, -1.5580,
-4.8060

■ 67.5880, -2.0160,
-7.5200

■ 70.8220, -2.7950,
-9.9230

Harmonies

Analogous

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



35.2560, -15.0400, 8.2560



37.2970, 4.0780, 14.2060



35.6530, 17.6950, 15.2230

Triad

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



37.2970, 4.0780, 14.2060



34.3210, 20.7250, -6.6590



31.0720, -26.8660, -8.7060

Complementary

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



37.2970, 4.0780, 14.2060



46.7030, -4.0780, -14.2060

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.



28.6610, -21.4550, -13.1590



37.2970, 4.0780, 14.2060



32.7710, 10.4100, -12.4540

Square

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



37.2970, 4.0780, 14.2060



34.8150, 25.4460, 1.3980



30.6210, -6.7830, -14.7430



31.4940, -30.8100, -3.3060

Rectangle

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



37.2970, 4.0780, 14.2060



35.2960, 23.0140, 12.4380



30.6210, -6.7830, -14.7430



30.5020, -25.2610, -10.2610

Sweetspot

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



37.2970, 4.0780, 14.2060



66.0590, 1.5120, 5.6400



34.5290, -11.5550, 5.6690



33.5920, 1.3290, 3.4490



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



37.2970, 4.0780, 14.2060



43.1220, 6.3690, 22.2490



38.4780, 10.8180, 13.2020



25.9400, 0.2290, 1.3570



31.4180, 12.1880, 43.4520



75.1980, 29.8290, 103.7250

Inverse Universe

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



36.7680, 15.6330, 8.5370



42.3070, 24.4810, 13.3850



45.5220, -10.8180, -13.2020



26.0110, 1.4670, 0.9470



29.9020, 48.0910, 26.0350



71.2950, 114.1530, 62.2890

Previews

White Background



This preview shows how the YIQ color 37.2970, 4.0780, 14.2060 looks on a white background.

Color Contrast Check

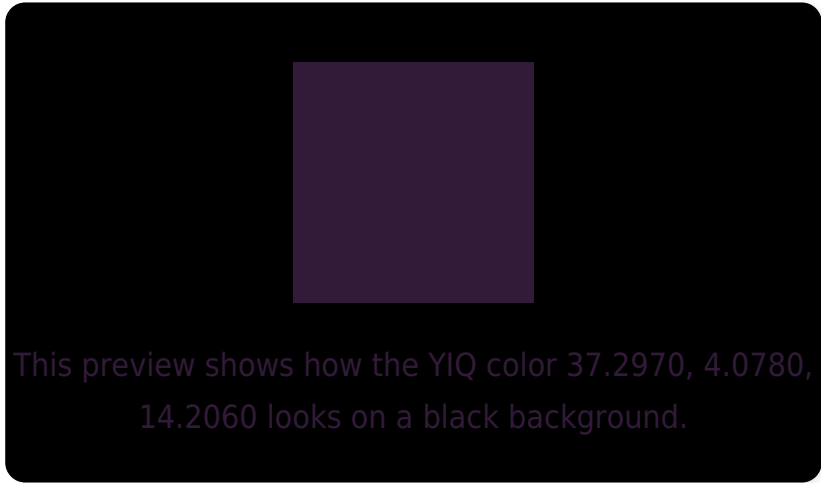
Large Text (above 18pt) WCAG AA ✓ Pass

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

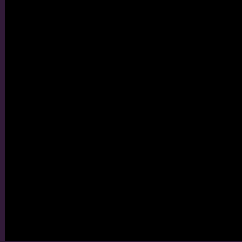
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.2970, 4.0780, 14.2060

Background



This preview shows how black text looks on a background with the YIQ color 37.2970, 4.0780, 14.2060.



This preview shows how white text looks on a background with the YIQ color 37.2970, 4.0780,

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

37.2970, 4.0780, 14.2060

Protanopia

35.4190, -17.0570, 6.2630

Deuteranopia

35.7740, -10.8670, 4.2130



Tritanopia

37.4140, 7.7020, 3.5900

Trichromacy



Original Color

37.2970, 4.0780, 14.2060

Protanomaly

36.3060, -9.3090, 9.0190

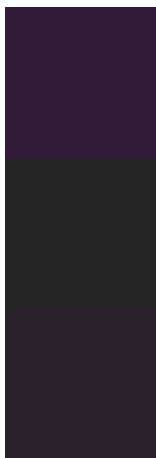
Deuteranomaly

36.5190, -5.5950, 7.7890

Tritanomaly

37.4510, 6.2800, 7.3360

Monochromacy



Original Color

37.2970, 4.0780, 14.2060

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

36.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.2970, 4.0780, 14.2060 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(50, 27, 57)` looks like.

```
.text, #text, p{  
    color:rgb(50, 27, 57)  
}
```

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(50, 27, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 27, 57) }
```

Border

The CSS property to change the border of an element to YIQ 37.2970, 4.0780, 14.2060 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(50, 27, 57) }
```


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

```
.border{ border-color:rgb(50, 27, 57) }
```

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

Here you see how a box with a 4 pixel rgb(50, 27, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 27, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 27, 57);  
box-shadow:4px 4px 4px 4px rgb(50, 27, 57)  
}
```

Background

The CSS property to change the background color of an element to YIQ 37.2970, 4.0780, 14.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 27, 57) }
```

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

```
.background{ background-color: rgb(50, 27,  
57) }
```

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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