

Converting Colors

YIQ(47.9270, 2.2440, 14.4040)

Have a look what the booklet for
YIQ(47.9270, 2.2440, 14.4040)
contains.

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Color

**YIQ(47.9270, 2.2440,
14.4040)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2646
RGB	59, 38, 70
RGB Percent	23%, 15%, 27%
CMY	0.7686, 0.8510, 0.7255
CMYK	0.16, 0.46, 0.00, 0.73
HSL	279°, 30%, 21%
HSV	279°, 46%, 27%
XYZ	3.6029, 2.7582, 6.1362
YIQ	47.9270, 2.2440, 14.4040

Conversions

Conversions Part 2

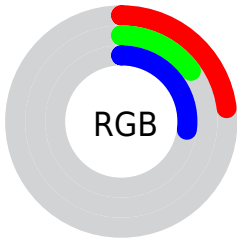
Format	Color
R_{YB}	59, 38, 70
Decimal	3876422
CIE Lab	19.05, 16.89, -16.25
CIE LCh	19, 23.439, 316.106
Yxy	2.7582, 0.2883, 0.2207
Android (android.graphics.Color)	4282066502 (0xFF3B2646)
YUV	47.9270, 10.8820, 9.7110
Hunter-Lab	16.6077, 9.6604, -10.2809

Details

The YIQ color **47.9270, 2.2440, 14.4040** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **60.0730, -2.2440, -14.4040**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **94.1660, 3.0690, 15.9730**, and **7.8620, 0.8690, 11.7890** is the 20% darker color. If you saturate the color by 10%, you get **43.2200, 2.9770, 17.6410**, and if you desaturate by 10%, it is **52.6340, 1.5110, 11.1670**.

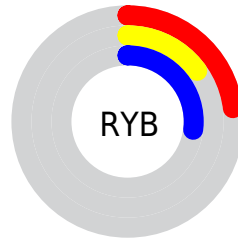
Distribution



Red (23%)

Green (15%)

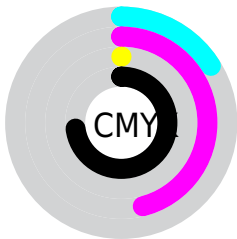
Blue (27%)



Red (23%)

Yellow (15%)

Blue (27%)

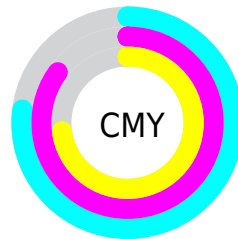


Cyan (16%)

Magenta (46%)

Yellow (0%)

Black (73%)



Cyan (77%)

Magenta (85%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.9270, 2.2440, 14.4040 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 47.9270, 2.2440, 14.4040 by changing the saturation by 10% instead.

■ 47.9270, 2.2440,
14.4040

■ 47.9270, 2.2440,
14.4040

■ 255.0000, -0.0000,
-0.0000

■ 26.4000, 2.2900,
13.5700

■ 94.1660, 3.0690,
15.9730

■ 7.8620, 0.8690,
11.7890

■ 119.2800, 2.7480,
16.2840

■ 0.0000, 0.0000,
0.0000

■ 145.1060, 3.2980,
17.3300

■ 171.5190, 3.5730,
17.8530

■ 198.9320, 3.8480,
18.3760

■ 227.0460, 3.5270,

18.6870

247.9560, 3.3000,
6.2760

47.9270, 2.2440,
14.4040

47.9270, 2.2440,
14.4040

43.2200, 2.9770,
17.6410

52.6340, 1.5110,
11.1670

38.2140, 3.1140,
20.6660

57.6400, 1.3740,
8.1420

33.5070, 3.8470,
23.9030

62.3470, 0.6410,
4.9050

28.5010, 3.9840,
26.9280

67.3530, 0.5040,
1.8800

23.7940, 4.7170,
30.1650

72.0600, -0.2290,
-1.3570

■ 21.7340, 4.9460,
31.5220

■ 76.7670, -0.9620,
-4.5940

■ 81.7730, -1.0990,
-7.6190

■ 86.4800, -1.8320,
-10.8560

■ 91.4860, -1.9690,
-13.8810

Harmonies

Analogous

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



45.2880, -18.0660, 8.0300



47.9270, 2.2440, 14.4040



46.8810, 17.0530, 15.8450

Triad

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



47.9270, 2.2440, 14.4040



45.0330, 21.5960, -5.9240



38.5550, -32.7800, -11.6600

Complementary

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



47.9270, 2.2440, 14.4040



60.0730, -2.2440, -14.4040

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.



36.0300, -27.0480, -16.4240



47.9270, 2.2440, 14.4040



43.4830, 11.2810, -11.7190

Square

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



47.9270, 2.2440, 14.4040



45.4670, 26.5460, 3.4900



41.1050, -5.2700, -14.6300



39.6780, -37.3200, -6.4720

Rectangle

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



47.9270, 2.2440, 14.4040



46.1220, 23.5640, 13.4840



41.1050, -5.2700, -14.6300



37.8710, -30.8540, -13.5260

Sweetspot

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



47.9270, 2.2440, 14.4040



82.8740, 0.5950, 5.7390



48.1050, -13.2970, 4.1990



40.4070, 0.4120, 3.5480



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



47.9270, 2.2440, 14.4040



56.6810, 3.2970, 22.8570



50.6460, 10.4050, 15.1810



33.0540, -0.0920, 1.6680



30.7210, 6.9610, 44.5690



70.4290, 15.9370, 102.1850

Inverse Universe

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



48.8220, 15.5410, 10.2050



58.3010, 24.6180, 16.4100



57.3540, -10.4050, -15.1810



33.3100, 2.0630, 1.1590



33.4770, 48.0900, 31.5620



76.7650, 110.2540, 72.3820

Previews

White Background



This preview shows how the YIQ color 47.9270, 2.2440, 14.4040 looks on a white background.

Color Contrast Check

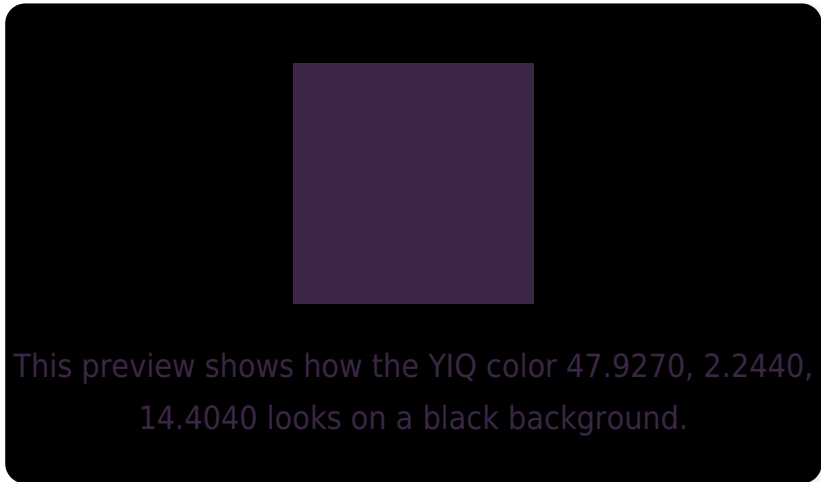
Large Text (above 18pt) WCAG AA ✓ Pass

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

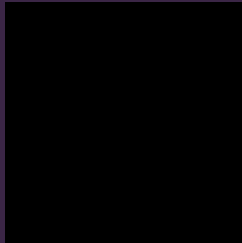
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.9270, 2.2440, 14.4040

Background



This preview shows how black text looks on a background with the YIQ color 47.9270, 2.2440, 14.4040.



This preview shows how white text looks on a background with the YIQ color 47.9270, 2.2440,

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

47.9270, 2.2440, 14.4040

Protanopia

45.9460, -17.1030, 7.0970

Deuteranopia

45.8170, -12.4260, 4.9340



Tritanopia

47.0440, 5.8680, 3.7880

Trichromacy



Original Color

47.9270, 2.2440, 14.4040

Protanomaly

46.5340, -9.9510, 9.6410

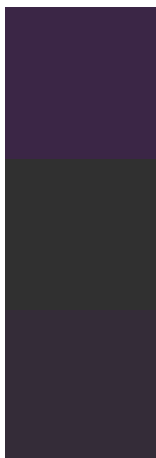
Deuteranomaly

46.5620, -7.1540, 8.5100

Tritanomaly

47.0810, 4.4460, 7.5340

Monochromacy



Original Color

47.9270, 2.2440, 14.4040

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.7600, 0.9160, 5.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.9270, 2.2440, 14.4040 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, 38, 70)` looks like.

```
.text, #text, p{  
    color:rgb(59, 38, 70)  
}
```

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, 38, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 38, 70) }
```

Border

The CSS property to change the border of an element to YIQ 47.9270, 2.2440, 14.4040 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, 38, 70) }
```


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

```
.border{ border-color:rgb(59, 38, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 38, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 38, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 38, 70);  
box-shadow:4px 4px 4px 4px rgb(59, 38, 70)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.9270, 2.2440, 14.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 38, 70) }
```

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

```
.background{ background-color: rgb(59, 38,  
70) }
```

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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