

Converting Colors

YIQ(56.9670, 13.9350, 17.2870)

Have a look what the booklet for
YIQ(56.9670, 13.9350, 17.2870)
contains.

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Color

**YIQ(56.9670, 13.9350,
17.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	512A47
RGB	81, 42, 71
RGB Percent	32%, 16%, 28%
CMY	0.6822, 0.8353, 0.7215
CMYK	0.00, 0.48, 0.12, 0.68
HSL	315°, 32%, 24%
HSV	315°, 48%, 32%
XYZ	5.3607, 3.8604, 6.4252
YIQ	56.9670, 13.9350, 17.2870

Conversions

Conversions Part 2

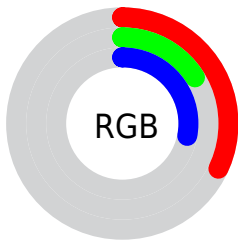
Format	Color
RYB	81, 42, 71
Decimal	5319239
CIELab	23.20, 22.76, -10.27
CIELCh	23, 24.974, 335.716
Yxy	3.8604, 0.3426, 0.2467
Android (android.graphics.Color)	4283509319 (0xFF512A47)
YUV	56.9670, 6.9183, 21.0769
Hunter-Lab	19.6479, 14.3183, -5.6355

Details

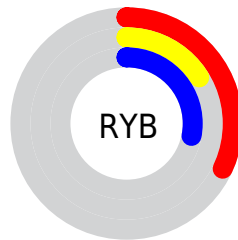
The YIQ color **56.9670, 13.9350, 17.2870** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **66.0330, -13.9350, -17.2870**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9780, 15.4020, 18.2340**, and **13.9560, 12.4680, 16.3400** is the 20% darker color. If you saturate the color by 10%, you get **52.0430, 16.7770, 20.8490**, and if you desaturate by 10%, it is **61.8910, 11.0930, 13.7250**.

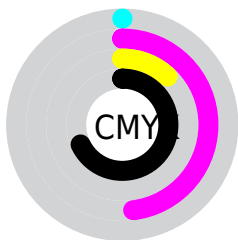
Distribution



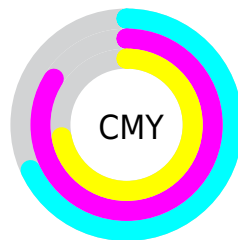
- Red (32%)
- Green (16%)
- Blue (28%)



- Red (32%)
- Yellow (16%)
- Blue (28%)



- Cyan (0%)
- Magenta (48%)
- Yellow (12%)
- Black (68%)



- Cyan (68%)
- Magenta (84%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.9670, 13.9350, 17.2870 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 56.9670, 13.9350, 17.2870 by changing the saturation by 10% instead.

■ 56.9670, 13.9350,
17.2870

■ 56.9670, 13.9350,
17.2870

■ 255.0000, -0.0000,
-0.0000

■ 34.3690, 12.7430,
16.8630

■ 104.9780, 15.4020,
18.2340

■ 13.9560, 12.4680,
16.3400

■ 130.6900, 16.2730,
18.9690

■ 0.0000, 0.0000,
0.0000

■ 156.5160, 16.8230,
20.0150

■ 183.8150, 17.4190,
20.2270

■ 211.5270, 18.2900,
20.9620

■ 235.0420, 9.3500,

17.7820

252.0650, 1.3750,
2.6150

56.9670, 13.9350,
17.2870

56.9670, 13.9350,
17.2870

52.0430, 16.7770,
20.8490

61.8910, 11.0930,
13.7250

47.1190, 19.6190,
24.4110

66.8150, 8.2510,
10.1630

42.1950, 22.4610,
27.9730

71.7390, 5.4090,
6.6010

37.2710, 25.3030,
31.5350

76.6630, 2.5670,
3.0390

31.7600, 28.4200,
35.6200

82.1740, -0.5500,
-1.0460

■ 31.0590, 29.0160,
35.8320

■ 87.0980, -3.3920,
-4.6080

■ 92.1360, -6.5550,
-7.8590

■ 97.0600, -9.3970,
-11.4210

■ 101.9840,
-12.2390, -14.9830

Harmonies

Analogous

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



56.8060, -4.7250, 14.0510



56.9670, 13.9350, 17.2870



55.7310, 26.2230, 14.8550

Triad

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



56.9670, 13.9350, 17.2870



52.9460, 17.2870, -10.4330



46.3460, -42.3170, -9.5250

Complementary

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



56.9670, 13.9350, 17.2870



66.0330, -13.9350, -17.2870

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.



44.7670, -36.4930, -15.9570



56.9670, 13.9350, 17.2870



50.8130, 1.4240, -14.8000

Square

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



56.9670, 13.9350, 17.2870



54.4790, 26.2720, -2.5600



45.9120, -20.9040, -17.6400



45.9530, -45.3440, -4.2240

Rectangle

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



56.9670, 13.9350, 17.2870



55.5370, 29.5250, 10.0770



45.9120, -20.9040, -17.6400



45.6620, -40.3910, -11.3910

Sweetspot

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



56.9670, 13.9350, 17.2870



95.7390, 5.4090, 6.6010



49.4360, -6.5590, 14.2490



47.7880, 3.7130, 4.2970



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.



56.9670, 13.9350, 17.2870



67.3690, 21.9110, 26.9270



54.8010, 20.0340, 11.3780



38.5380, 1.4210, 1.7810



40.2870, 37.5420, 46.5180



88.9760, 83.0600, 102.6760

Inverse Universe

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



56.9670, 13.9350, 17.2870



67.3690, 21.9110, 26.9270



68.1990, -20.0340, -11.3780



38.5380, 1.4210, 1.7810



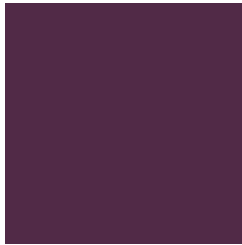
40.2870, 37.5420, 46.5180



88.9760, 83.0600, 102.6760

Previews

White Background



This preview shows how the YIQ color 56.9670, 13.9350, 17.2870 looks on a white background.

Color Contrast Check

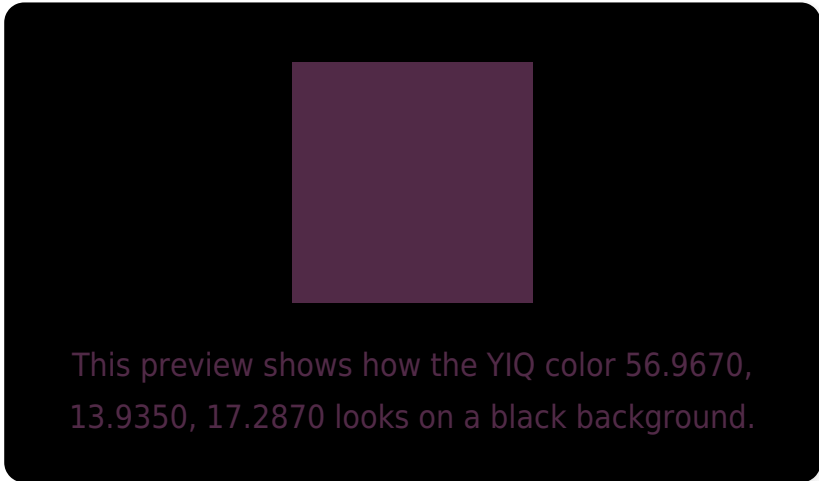
Large Text (above 18pt) WCAG AA ✓ Pass

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

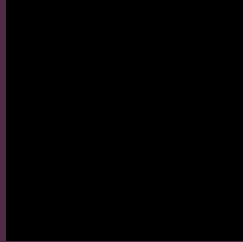
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.9670, 13.9350, 17.2870

Background



This preview shows how black text looks on a background with the YIQ color 56.9670, 13.9350, 17.2870.



This preview shows how white text looks on a background with the YIQ color 56.9670, 13.9350,

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

56.9670, 13.9350, 17.2870

Protanopia

55.8710, -12.5180, 6.6020

Deuteranopia

56.5960, -4.4940, 4.3540



Tritanopia

56.9100, 18.1090, 7.7170

Trichromacy



Original Color

56.9670, 13.9350, 17.2870

Protanomaly

56.0680, -2.7070, 10.5170

Deuteranomaly

56.4660, 1.9240, 9.1880

Tritanomaly

56.9470, 16.6870, 11.4630

Monochromacy



Original Color

56.9670, 13.9350, 17.2870

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.3260, 5.1340, 6.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.9670, 13.9350, 17.2870 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(81, 42, 71)` looks like.

```
.text, #text, p{  
    color:rgb(81, 42, 71)  
}
```

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(81, 42, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 42, 71) }
```

Border

The CSS property to change the border of an element to YIQ 56.9670, 13.9350, 17.2870 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(81, 42, 71) }
```


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

```
.border{ border-color:rgb(81, 42, 71) }
```

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

Here you see how a box with a 4 pixel rgb(81, 42, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 42, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 42, 71);  
box-shadow:4px 4px 4px 4px rgb(81, 42, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.9670, 13.9350, 17.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 42, 71) }
```

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

```
.background{ background-color: rgb(81, 42,  
71) }
```

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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