

Converting Colors

YIQ(43.0950, 1.8310, 16.3830)

Have a look what the booklet for
YIQ(43.0950, 1.8310, 16.3830)
contains.

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Color

**YIQ(43.0950, 1.8310,
16.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	372045
RGB	55, 32, 69
RGB Percent	22%, 13%, 27%
CMY	0.7842, 0.8745, 0.7294
CMYK	0.20, 0.54, 0.00, 0.73
HSL	277°, 37%, 20%
HSV	277°, 54%, 27%
XYZ	3.1669, 2.2749, 5.9015
YIQ	43.0950, 1.8310, 16.3830

Conversions

Conversions Part 2

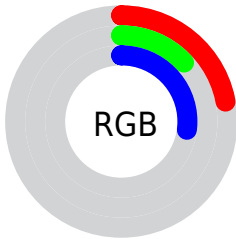
Format	Color
R_{YB}	55, 32, 69
Decimal	3612741
CIE Lab	16.87, 19.22, -19.02
CIE LCh	17, 27.038, 315.298
Yxy	2.2749, 0.2792, 0.2005
Android (android.graphics.Color)	4281802821 (0xFF372045)
YUV	43.0950, 12.7712, 10.4407
Hunter-Lab	15.0828, 11.0845, -12.6408




Details

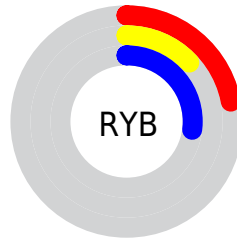
The YIQ color **43.0950, 1.8310, 16.3830** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **57.9050, -1.8310, -16.3830**, and the grayscale version is **43.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **89.3340, 2.6560, 17.9520**, and **2.9640, -8.3460, 8.0860** is the 20% darker color. If you saturate the color by 10%, you get **38.0890, 1.9680, 19.4080**, and if you desaturate by 10%, it is **48.1010, 1.6940, 13.3580**.

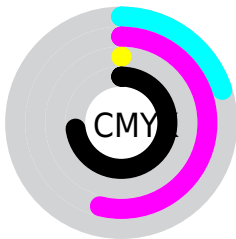
Distribution







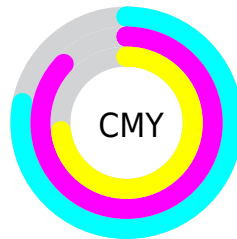
-  Red (22%)
-  Green (13%)
-  Blue (27%)






-  Red (22%)
-  Yellow (13%)
-  Blue (27%)



-  Cyan (20%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (78%)
-  Magenta (87%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.0950, 1.8310, 16.3830 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 43.0950, 1.8310, 16.3830 by changing the saturation by 10% instead.

■ 43.0950, 1.8310,
16.3830

■ 43.0950, 1.8310,
16.3830

■ 255.0000, -0.0000,
-0.0000

■ 21.5680, 1.8770,
15.5490

■ 89.3340, 2.6560,
17.9520

■ 2.9640, -8.3460,
8.0860

■ 113.8610, 2.6100,
18.7860

■ 0.0000, 0.0000,
0.0000

■ 139.6870, 3.1600,
19.8320

■ 166.1000, 3.4350,
20.3550

■ 193.2140, 3.1140,
20.6660

■ 221.6270, 3.3890,

21.1890

■ 243.2600, 5.5000,
10.4600

■ 43.0950, 1.8310,
16.3830

■ 43.0950, 1.8310,
16.3830

■ 38.0890, 1.9680,
19.4080

■ 48.1010, 1.6940,
13.3580

■ 33.3820, 2.7010,
22.6450

■ 52.8080, 0.9610,
10.1210

■ 28.3760, 2.8380,
25.6700

■ 57.8140, 0.8240,
7.0960

■ 23.6690, 3.5710,
28.9070

■ 62.5210, 0.0910,
3.8590

■ 20.7230, 3.4790,
30.5750

■ 66.9400, 0.2290,
1.3570

■ 71.9460, 0.0920,
-1.6680

■ 76.6530, -0.6410,
-4.9050

■ 81.6590, -0.7780,
-7.9300

■ 86.3660, -1.5110,
-11.1670

Harmonies

Analogous

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



39.0640, -23.2470, 8.3130



43.0950, 1.8310, 16.3830



41.5440, 19.6200, 18.8840

Triad

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



43.0950, 1.8310, 16.3830



39.6590, 25.5850, -6.6310



35.7510, -30.3960, -10.8120

Complementary

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



43.0950, 1.8310, 16.3830



57.9050, -1.8310, -16.3830

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.



32.8840, -23.7010, -16.5090



43.0950, 1.8310, 16.3830



38.6850, 13.5280, -13.8960

Square

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



43.0950, 1.8310, 16.3830



39.8480, 29.8470, 4.2390



35.5240, -5.1320, -17.1320



37.2160, -35.8990, -4.6910

Rectangle

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



43.0950, 1.8310, 16.3830



40.0840, 26.7270, 16.7350



35.5240, -5.1320, -17.1320



35.0670, -28.4700, -12.6780

Sweetspot

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



43.0950, 1.8310, 16.3830



79.2870, 0.8700, 6.2620



44.4360, -15.7270, 4.1850



39.8200, 0.6870, 4.0710



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.



43.0950, 1.8310, 16.3830



49.2620, 3.1590, 25.3590



46.8250, 11.4590, 18.1070



33.0540, -0.0920, 1.6680



29.8240, 5.1730, 43.9330



68.0370, 11.1690, 100.4890

Inverse Universe

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



44.6590, 17.5580, 12.1980



51.5510, 26.9100, 18.9260



54.1750, -11.4590, -18.1070



33.3100, 2.0630, 1.1590



33.9330, 46.8060, 32.8060



77.6770, 107.6860, 74.8700

Previews

White Background



This preview shows how the YIQ color 43.0950, 1.8310, 16.3830 looks on a white background.

Color Contrast Check

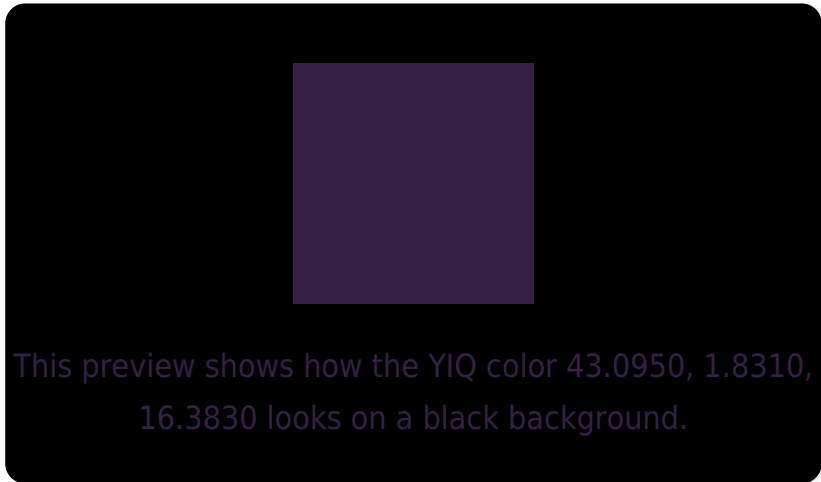
Large Text (above 18pt) WCAG AA ✓ Pass

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

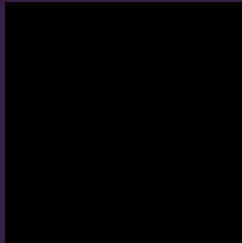
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.0950, 1.8310, 16.3830

Background



This preview shows how black text looks on a background with the YIQ color 43.0950, 1.8310, 16.3830.



This preview shows how white text looks on a background with the YIQ color 43.0950, 1.8310,

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

43.0950, 1.8310, 16.3830

Protanopia

39.8360, -22.6050, 7.6910

Deuteranopia

40.6640, -16.3690, 4.8070



Tritanopia

42.9300, 6.1890, 3.4770

Trichromacy



Original Color

43.0950, 1.8310, 16.3830

Protanomaly

41.3210, -13.6650, 10.8710

Deuteranomaly

41.4200, -9.6300, 9.3300

Tritanomaly

42.6080, 4.4000, 8.3680

Monochromacy



Original Color

43.0950, 1.8310, 16.3830

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.8740, 0.5950, 5.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.0950, 1.8310, 16.3830 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(55, 32, 69)` looks like.

```
.text, #text, p{  
    color:rgb(55, 32, 69)  
}
```

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(55, 32, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 32, 69) }
```

Border

The CSS property to change the border of an element to YIQ 43.0950, 1.8310, 16.3830 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(55, 32, 69) }
```


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

```
.border{ border-color:rgb(55, 32, 69) }
```

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

Here you see how a box with a 4 pixel rgb(55, 32, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 32, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 32, 69);  
box-shadow:4px 4px 4px 4px rgb(55, 32, 69)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.0950, 1.8310, 16.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 32, 69) }
```

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

```
.background{ background-color: rgb(55, 32,  
69) }
```

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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