

Converting Colors

YIQ(40.9340, 0.3660, 4.3820)

Have a look what the booklet for
YIQ(40.9340, 0.3660, 4.3820)
contains.

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Color

YIQ(40.9340, 0.3660, 4.3820)

Conversions

Conversions Part 1

Format	Color
Hex	2C2630
RGB	44, 38, 48
RGB Percent	17%, 15%, 19%
CMY	0.8274, 0.8510, 0.8118
CMYK	0.08, 0.21, 0.00, 0.81
HSL	276°, 12%, 17%
HSV	276°, 21%, 19%
XYZ	2.2654, 2.1350, 3.0888
YIQ	40.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

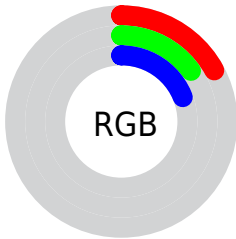
Format	Color
R_{YB}	44, 38, 48
Decimal	2893360
CIE Lab	16.18, 5.18, -5.51
CIE LCh	16, 7.568, 313.238
Yxy	2.1350, 0.3025, 0.2851
Android (android.graphics.Color)	4281083440 (0xFF2C2630)
YUV	40.9340, 3.4835, 2.6889
Hunter-Lab	14.6118, 2.1043, -2.3053

Details

The YIQ color **40.9340, 0.3660, 4.3820** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.0660, -0.3660, -4.3820**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **86.3470, 0.6410, 4.9050**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.4010, 0.5490, 6.5730**, and if you desaturate by 10%, it is **44.4670, 0.1830, 2.1910**.

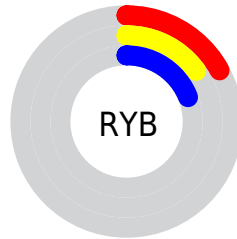
Distribution



Red (17%)

Green (15%)

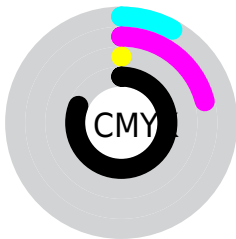
Blue (19%)



Red (17%)

Yellow (15%)

Blue (19%)

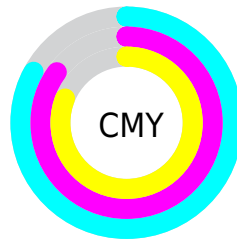


Cyan (8%)

Magenta (21%)

Yellow (0%)

Black (81%)



Cyan (83%)

Magenta (85%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.9340, 0.3660, 4.3820 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 40.9340, 0.3660, 4.3820 by changing the saturation by 10% instead.

■ 40.9340, 0.3660,
4.3820

■ 40.9340, 0.3660,
4.3820

■ 255.0000, -0.0000,
-0.0000

■ 20.2330, 0.9620,
4.5940

■ 86.3470, 0.6410,
4.9050

■ 0.0000, 0.0000,
0.0000

■ 110.4610, 0.3200,
5.2160

■ 135.7600, 0.9160,
5.4280

■ 161.8740, 0.5950,
5.7390

■ 188.8740, 0.5950,
5.7390

■ 216.8740, 0.5950,

5.7390

245.2870, 0.8700,
6.2620

40.9340, 0.3660,
4.3820

40.9340, 0.3660,
4.3820

37.4010, 0.5490,
6.5730

44.4670, 0.1830,
2.1910

33.8680, 0.7320,
8.7640

48.0000, -0.0000,
0.0000

30.9220, 0.6400,
10.4320

50.9460, 0.0920,
-1.6680

27.3890, 0.8230,
12.6230

54.4790, -0.0910,
-3.8590

23.8560, 1.0060,
14.8140

58.0120, -0.2740,
-6.0500

■ 20.6220, 1.7850,
17.2170

■ 61.5450, -0.4570,
-8.2410

■ 17.0890, 1.9680,
19.4080

■ 64.7790, -1.2360,
-10.6440

■ 14.1430, 1.8760,
21.0760

■ 67.7250, -1.1440,
-12.3120

■ 71.2580, -1.3270,
-14.5030

Harmonies

Analogous

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



40.3570, -5.3190, 2.7850



40.9340, 0.3660, 4.3820



41.2720, 5.2260, 4.4100

Triad

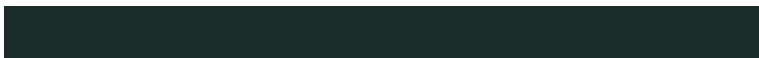
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.9340, 0.3660, 4.3820



40.3660, 7.6570, -1.1030



37.8030, -9.8110, -3.9150

Complementary

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



40.9340, 0.3660, 4.3820



45.0660, -0.3660, -4.3820

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.



38.4290, -5.8220, -4.6220



40.9340, 0.3660, 4.3820



40.0450, 4.1270, -3.2090

Square

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



40.9340, 0.3660, 4.3820



40.4310, 9.0320, 1.5120



39.0660, -0.3660, -4.3820



38.3730, -11.4160, -2.3600

Rectangle

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



40.9340, 0.3660, 4.3820



40.9410, 7.6560, 4.4240



39.0660, -0.3660, -4.3820



37.9880, -8.8940, -4.0140

Sweetspot

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



40.9340, 0.3660, 4.3820



58.9400, 0.2290, 1.3570



41.4880, -4.3100, 1.0180



28.9400, 0.2290, 1.3570



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



40.9340, 0.3660, 4.3820



50.4010, 0.5490, 6.5730



42.0160, 3.0710, 4.9190



21.5270, -0.0460, 0.8340



25.4660, 3.0650, 38.0810



62.9670, 8.1900, 93.9020

Inverse Universe

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



41.4460, 4.6760, 3.3640



51.1690, 7.0140, 5.0460



43.9840, -3.0710, -4.9190



21.7120, 0.8710, 0.7350



30.0030, 40.6170, 29.3290



73.7900, 99.9380, 72.1140

Previews

White Background



This preview shows how the YIQ color 40.9340, 0.3660, 4.3820 looks on a white background.

Color Contrast Check

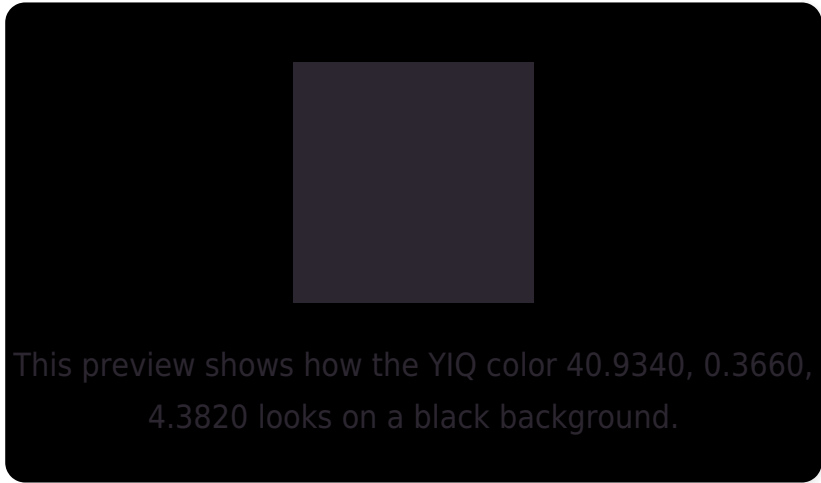
Large Text (above 18pt) WCAG AA ✓ Pass

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

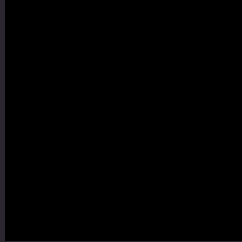
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.9340, 0.3660, 4.3820

Background



This preview shows how black text looks on a background with the YIQ color 40.9340, 0.3660, 4.3820.

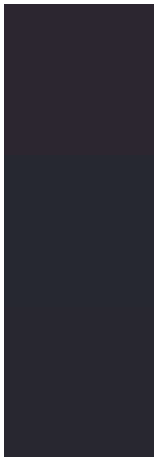


This preview shows how white text looks on a background with the YIQ color 40.9340, 0.3660, 4.3820.

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

40.9340, 0.3660, 4.3820

Protanopia

40.4280, -4.0810, 2.3750

Deuteranopia

40.3250, -2.2930, 3.0110



Tritanopia

40.5380, 1.4210, 1.7810

Trichromacy



Original Color

40.9340, 0.3660, 4.3820

Protanomaly

40.4390, -2.6140, 3.3220

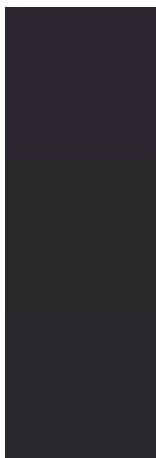
Deuteranomaly

40.6240, -1.6970, 3.2230

Tritanomaly

40.7660, 0.7790, 2.4030

Monochromacy



Original Color

40.9340, 0.3660, 4.3820

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.9340, 0.3660, 4.3820 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(44, 38, 48)` looks like.

```
.text, #text, p{  
    color:rgb(44, 38, 48)  
}
```

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(44, 38, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 38, 48) }
```

Border

The CSS property to change the border of an element to YIQ 40.9340, 0.3660, 4.3820 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(44, 38, 48) }
```

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

```
.border{ border-color:rgb(44, 38, 48) }
```

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

Here you see how a box with a 4 pixel rgb(44, 38, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 38, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 38, 48);  
box-shadow:4px 4px 4px 4px rgb(44, 38, 48)  
}
```


Background

The CSS property to change the background color of an element to YIQ 40.9340, 0.3660, 4.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 38, 48) }
```

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

```
.background{ background-color: rgb(44, 38,  
48) }
```

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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