

Converting Colors

YIQ(46.6350, 8.9380, 14.2340)

Have a look what the booklet for
YIQ(46.6350, 8.9380, 14.2340)
contains.

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Color

**YIQ(46.6350, 8.9380,
14.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	40233D
RGB	64, 35, 61
RGB Percent	25%, 14%, 24%
CMY	0.7489, 0.8628, 0.7608
CMYK	0.00, 0.45, 0.05, 0.75
HSL	306°, 29%, 19%
HSV	306°, 45%, 25%
XYZ	3.5589, 2.6290, 4.7353
YIQ	46.6350, 8.9380, 14.2340

Conversions

Conversions Part 2

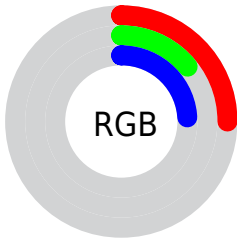
Format	Color
RYB	64, 35, 61
Decimal	4203325
CIELab	18.49, 18.60, -10.86
CIELCh	18, 21.540, 329.712
Yxy	2.6290, 0.3258, 0.2407
Android (android.graphics.Color)	4282393405 (0xFF40233D)
YUV	46.6350, 7.0819, 15.2291
Hunter-Lab	16.2143, 10.8037, -5.9654

Details

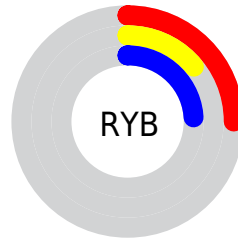
The YIQ color **46.6350, 8.9380, 14.2340** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **52.3650, -8.9380, -14.2340**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.0590, 10.6800, 15.7040**, and **7.7330, 5.5460, 9.6260** is the 20% darker color. If you saturate the color by 10%, you get **42.9990, 10.9090, 17.0610**, and if you desaturate by 10%, it is **50.2710, 6.9670, 11.4070**.

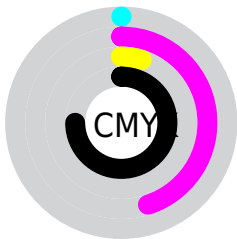
Distribution



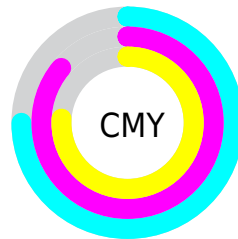
- Red (25%)
- Green (14%)
- Blue (24%)



- Red (25%)
- Yellow (14%)
- Blue (24%)



- Cyan (0%)
- Magenta (45%)
- Yellow (5%)
- Black (75%)



- Cyan (75%)
- Magenta (86%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.6350, 8.9380, 14.2340 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 46.6350, 8.9380, 14.2340 by changing the saturation by 10% instead.

■ 46.6350, 8.9380,
14.2340

■ 46.6350, 8.9380,
14.2340

■ 255.0000, -0.0000,
-0.0000

■ 24.9230, 8.0670,
13.4990

■ 93.0590, 10.6800,
15.7040

■ 7.7330, 5.5460,
9.6260

■ 118.1730, 10.3590,
16.0150

■ 0.0000, 0.0000,
0.0000

■ 143.8850, 11.2300,
16.7500

■ 170.2980, 11.5050,
17.2730

■ 197.7110, 11.7800,
17.7960

■ 226.0100, 12.3760,

18.0080

245.6080, 4.4000,
8.3680

46.6350, 8.9380,
14.2340

46.6350, 8.9380,
14.2340

42.9990, 10.9090,
17.0610

50.2710, 6.9670,
11.4070

38.8900, 12.8340,
20.7220

54.3800, 5.0420,
7.7460

35.2540, 14.8050,
23.5490

58.0160, 3.0710,
4.9190

31.0310, 17.0510,
26.8990

62.2390, 0.8250,
1.5690

27.5090, 18.7010,
30.0370

65.7610, -0.8250,
-1.5690

■ 25.6340, 19.8470,
31.2950

■ 69.3970, -2.7960,
-4.3960

■ 73.6200, -5.0420,
-7.7460

■ 77.1420, -6.6920,
-10.8840

■ 81.3650, -8.9380,
-14.2340

Harmonies

Analogous

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



46.0290, -6.9710, 10.7010



46.6350, 8.9380, 14.2340



45.8550, 19.9420, 13.0460

Triad

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



46.6350, 8.9380, 14.2340



43.3420, 16.2320, -7.8320



37.9510, -33.8350, -9.0590

Complementary

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



46.6350, 8.9380, 14.2340



52.3650, -8.9380, -14.2340

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.



36.1270, -28.6990, -14.0350



46.6350, 8.9380, 14.2340



42.0630, 3.7160, -12.2840

Square

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



46.6350, 8.9380, 14.2340



44.0920, 23.1080, -0.2840



39.2120, -12.8810, -14.3610



38.1450, -37.1370, -4.2810

Rectangle

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



46.6350, 8.9380, 14.2340



44.9000, 24.0690, 9.8370



39.2120, -12.8810, -14.3610



37.3810, -32.2300, -10.6140

Sweetspot

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



46.6350, 8.9380, 14.2340



76.8420, 3.6210, 5.9650



39.2030, -7.5210, 9.6550



38.8910, 1.9250, 3.6610



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



46.6350, 8.9380, 14.2340



57.0150, 13.9800, 21.9800



45.0390, 13.4320, 9.8800



31.2390, 0.8250, 1.5690



38.9210, 29.8850, 47.6210



89.8900, 68.9830, 109.9990

Inverse Universe

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



46.6350, 8.9380, 14.2340



57.0150, 13.9800, 21.9800



53.9610, -13.4320, -9.8800



31.2390, 0.8250, 1.5690



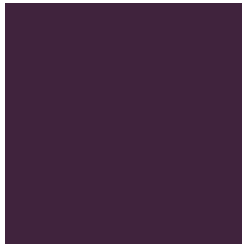
38.9210, 29.8850, 47.6210



89.8900, 68.9830, 109.9990

Previews

White Background



This preview shows how the YIQ color 46.6350, 8.9380, 14.2340 looks on a white background.

Color Contrast Check

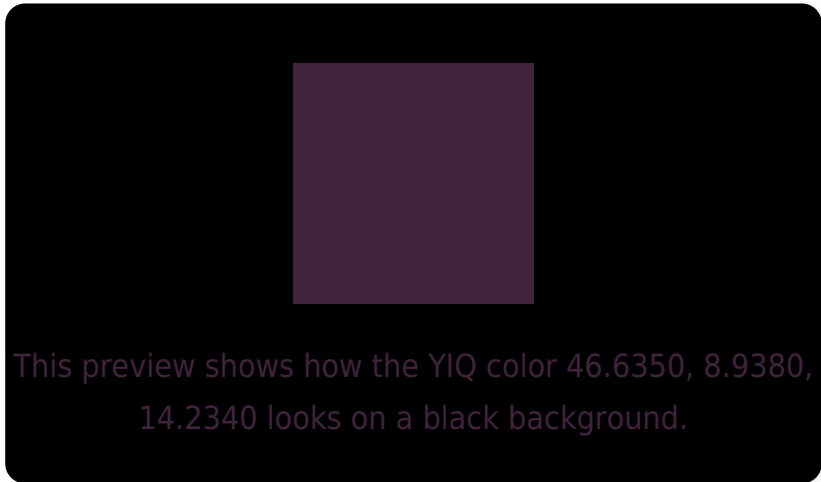
Large Text (above 18pt) WCAG AA ✓ Pass

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

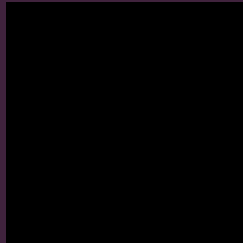
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.6350, 8.9380, 14.2340

Background



This preview shows how black text looks on a background with the YIQ color 46.6350, 8.9380, 14.2340.



This preview shows how white text looks on a background with the YIQ color 46.6350, 8.9380,

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

46.6350, 8.9380, 14.2340

Protanopia

45.3440, -12.4720, 5.7680

Deuteranopia

45.9980, -5.6860, 3.9300



Tritanopia

46.2190, 12.7450, 5.8090

Trichromacy



Original Color

46.6350, 8.9380, 14.2340

Protanomaly

45.6440, -4.4490, 9.0470

Deuteranomaly

46.1560, -0.1390, 8.0290

Tritanomaly

46.7290, 11.3690, 8.7210

Monochromacy



Original Color

46.6350, 8.9380, 14.2340

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0160, 3.0710, 4.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.6350, 8.9380, 14.2340 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(64, 35, 61)` looks like.

```
.text, #text, p{  
    color:rgb(64, 35, 61)  
}
```

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(64, 35, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 35, 61) }
```

Border

The CSS property to change the border of an element to YIQ 46.6350, 8.9380, 14.2340 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(64, 35, 61) }
```


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

```
.border{ border-color:rgb(64, 35, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 35, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 35, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 35, 61);  
box-shadow:4px 4px 4px 4px rgb(64, 35, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 46.6350, 8.9380, 14.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 35, 61) }
```

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

```
.background{ background-color: rgb(64, 35,  
61) }
```

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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