

Converting Colors

YIQ(43.4760, -4.0360, 7.0680)

Have a look what the booklet for
YIQ(43.4760, -4.0360, 7.0680)
contains.

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Color

**YIQ(43.4760, -4.0360,
7.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	2C283C
RGB	44, 40, 60
RGB Percent	17%, 16%, 24%
CMY	0.8274, 0.8431, 0.7647
CMYK	0.27, 0.33, 0.00, 0.76
HSL	252°, 20%, 20%
HSV	252°, 33%, 24%
XYZ	2.6131, 2.3792, 4.5954
YIQ	43.4760, -4.0360, 7.0680

Conversions

Conversions Part 2

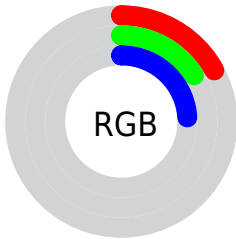
Format	Color
RYB	44, 40, 60
Decimal	2893884
CIELab	17.36, 7.10, -12.11
CIELCh	17, 14.037, 300.379
Yxy	2.3792, 0.2725, 0.2482
Android (android.graphics.Color)	4281083964 (0xFF2C283C)
YUV	43.4760, 8.1463, 0.4595
Hunter-Lab	15.4248, 3.2461, -6.8664

Details

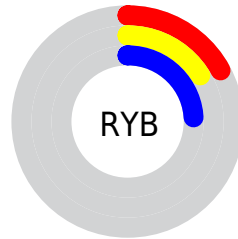
The YIQ color **43.4760, -4.0360, 7.0680** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **56.5240, 4.0360, -7.0680**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.0030, -4.0820, 7.9020**, and **2.5250, -5.7320, 4.7640** is the 20% darker color. If you saturate the color by 10%, you get **38.4590, -5.3660, 9.1460**, and if you desaturate by 10%, it is **48.4930, -2.7060, 4.9900**.

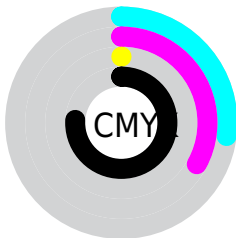
Distribution



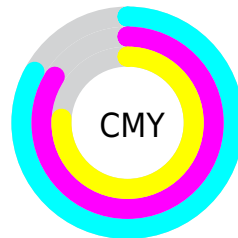
- Red (17%)
- Green (16%)
- Blue (24%)



- Red (17%)
- Yellow (16%)
- Blue (24%)



- Cyan (27%)
- Magenta (33%)
- Yellow (0%)
- Black (76%)



- Cyan (83%)
- Magenta (84%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.4760, -4.0360, 7.0680 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 43.4760, -4.0360, 7.0680 by changing the saturation by 10% instead.

■ 43.4760, -4.0360,
7.0680

■ 43.4760, -4.0360,
7.0680

■ 255.0000, -0.0000,
-0.0000

■ 22.9490, -3.9900,
6.2340

■ 89.0030, -4.0820,
7.9020

■ 2.5250, -5.7320,
4.7640

■ 113.5300, -4.1280,
8.7360

■ 0.0000, 0.0000,
0.0000

■ 139.2310, -4.7240,
8.5240

■ 165.6440, -4.4490,
9.0470

■ 192.6440, -4.4490,
9.0470

■ 220.1710, -4.4950,

9.8810

■ 247.3470, 0.6410,
4.9050

■ 43.4760, -4.0360,
7.0680

■ 43.4760, -4.0360,
7.0680

■ 38.4590, -5.3660,
9.1460

■ 48.4930, -2.7060,
4.9900

■ 33.4420, -6.6960,
11.2240

■ 53.5100, -1.3760,
2.9120

■ 28.7240, -7.4300,
13.5140

■ 58.2280, -0.6420,
0.6220

■ 23.7070, -8.7600,
15.5920

■ 63.2450, 0.6880,
-1.4560

■ 18.6900, -10.0900,
17.6700

■ 68.2620, 2.0180,
-3.5340

■ 13.6730, -11.4200,
19.7480

■ 73.2790, 3.3480,
-5.6120

■ 10.4280, -12.1080,
21.2040

■ 78.2960, 4.6780,
-7.6900

■ 83.0140, 5.4120,
-9.9800

■ 88.0310, 6.7420,
-12.0580

Harmonies

Analogous

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



41.6810, -15.0390, 2.7290



43.4760, -4.0360, 7.0680



44.2060, 5.5920, 8.7920

Triad

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



43.4760, -4.0360, 7.0680



42.7860, 15.2220, -0.5380



37.1500, -18.3380, -9.0740

Complementary

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



43.4760, -4.0360, 7.0680



56.5240, 4.0360, -7.0680

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.



39.3100, -7.1050, -8.9050



43.4760, -4.0360, 7.0680



41.8130, 10.5920, -4.7360

Square

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



43.4760, -4.0360, 7.0680



43.4320, 16.4590, 4.5790



40.9260, 2.8440, -7.4920



35.5990, -26.9120, -7.8720

Rectangle

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



43.4760, -4.0360, 7.0680



43.7290, 11.3690, 8.7210



40.9260, 2.8440, -7.4920



38.0040, -14.9910, -9.1590

Sweetspot

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



43.4760, -4.0360, 7.0680



72.5100, -1.3760, 2.9120



51.6720, -10.8200, -2.1480



36.8690, -1.0090, 1.7670



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



43.4760, -4.0360, 7.0680



52.7410, -6.1000, 11.4360



46.4660, 1.9240, 9.1880



28.3420, -0.9630, 0.9330



16.3970, -18.8500, 33.2620



38.4640, -45.0380, 78.3700

Inverse Universe

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



47.8040, 6.7840, 9.2160



59.5320, 10.7260, 14.8700



53.5340, -1.9240, -9.1880



29.1250, 1.1460, 1.2580



36.6560, 31.9490, 43.2530



86.5560, 75.4950, 102.1110

Previews

White Background



This preview shows how the YIQ color 43.4760, -4.0360, 7.0680 looks on a white background.

Color Contrast Check

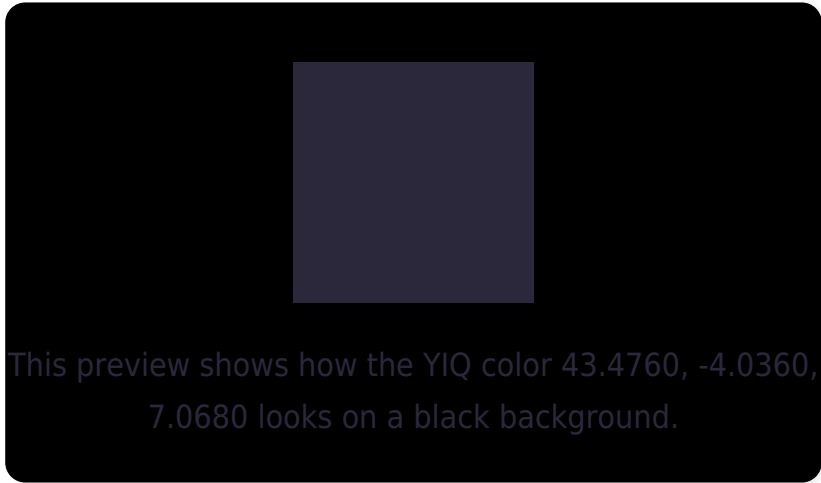
Large Text (above 18pt) WCAG AA ✓ Pass

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

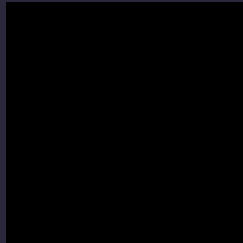
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.4760, -4.0360, 7.0680

Background



This preview shows how black text looks on a background with the YIQ color 43.4760, -4.0360, 7.0680.



This preview shows how white text looks on a background with the YIQ color 43.4760, -4.0360,

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

43.4760, -4.0360, 7.0680

Protanopia

42.4860, -9.9960, 4.9480

Deuteranopia

42.5570, -8.7580, 4.5380



Tritanopia

42.7440, -2.1550, 0.5090

Trichromacy



Original Color

43.4760, -4.0360, 7.0680

Protanomaly

42.6820, -7.6120, 5.7960

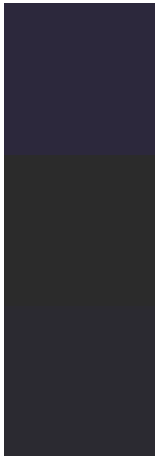
Deuteranomaly

42.8670, -6.6950, 5.6970

Tritanomaly

43.0260, -2.8890, 2.7990

Monochromacy



Original Color

43.4760, -4.0360, 7.0680

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

43.0970, -1.6510, 2.3890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.4760, -4.0360, 7.0680 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, 40, 60)` looks like.

```
.text, #text, p{  
    color:rgb(44, 40, 60)  
}
```

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, 40, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 40, 60) }
```

Border

The CSS property to change the border of an element to YIQ 43.4760, -4.0360, 7.0680 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, 40, 60) }
```


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

```
.border{ border-color:rgb(44, 40, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 40, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 40, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 40, 60);  
box-shadow:4px 4px 4px 4px rgb(44, 40, 60)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.4760, -4.0360, 7.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 40, 60) }
```

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

```
.background{ background-color: rgb(44, 40,  
60) }
```

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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