

Converting Colors

YIQ(44.0340, -40.8980, 3.3100)

Have a look what the booklet for
YIQ(44.0340, -40.8980, 3.3100)
contains.

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Color

**YIQ(44.0340, -40.8980,
3.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	07355F
RGB	7, 53, 95
RGB Percent	3%, 21%, 37%
CMY	0.9726, 0.7921, 0.6276
CMYK	0.93, 0.44, 0.00, 0.63
HSL	209°, 86%, 20%
HSV	209°, 93%, 37%
XYZ	3.4246, 3.4183, 11.2939
YIQ	44.0340, -40.8980, 3.3100

Conversions

Conversions Part 2

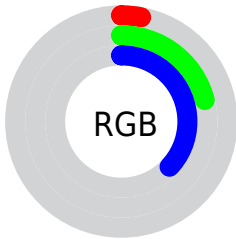
Format	Color
R _Y B	7, 37, 95
Decimal	472415
CIE Lab	21.65, 2.87, -29.06
CIE LCh	22, 29.204, 275.645
Yxy	3.4183, 0.1888, 0.1885
Android (android.graphics.Color)	4278662495 (0xFF07355F)
YUV	44.0340, 25.1262, -32.4788
Hunter-Lab	18.4887, 0.7080, -23.2755

Details

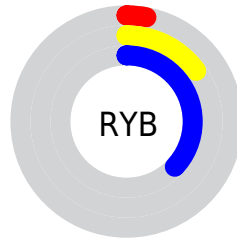
The YIQ color **44.0340, -40.8980, 3.3100** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **57.9660, 40.8980, -3.3100**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **95.3880, -32.9670, 8.2570**, and **9.5810, -17.3330, 11.2670** is the 20% darker color. If you saturate the color by 10%, you get **40.1800, -44.2450, 3.3950**, and if you desaturate by 10%, it is **49.6600, -36.9090, 2.6030**.

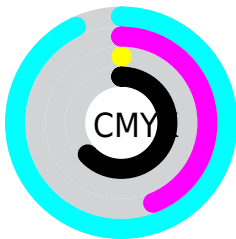
Distribution



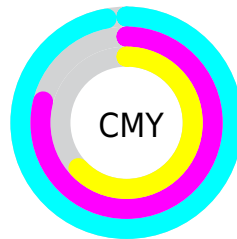
- Red (3%)
- Green (21%)
- Blue (37%)



- Red (3%)
- Yellow (15%)
- Blue (37%)



- Cyan (93%)
- Magenta (44%)
- Yellow (0%)
- Black (63%)



- Cyan (97%)
- Magenta (79%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.0340, -40.8980, 3.3100 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 44.0340, -40.8980, 3.3100 by changing the saturation by 10% instead.

■ 44.0340, -40.8980,
3.3100

■ 44.0340, -40.8980,
3.3100

■ 255.0000, -0.0000,
-0.0000

■ 26.8780, -31.5910,
5.3450

■ 95.3880, -32.9670,
8.2570

■ 9.5810, -17.3330,
11.2670

■ 120.9150,
-33.0130, 9.0910

■ 3.6650, -8.9420,
7.8740

■ 147.3280,
-32.7380, 9.6140

■ 0.0000, 0.0000,
0.0000

■ 173.8550,
-32.7840, 10.4480

■ 201.4420,
-33.0590, 9.9250

■ 226.5490,

-23.4750, 1.4290

■ 248.4220,
-13.1120, -4.6640

■ 44.0340, -40.8980,
3.3100

■ 44.0340, -40.8980,
3.3100

■ 40.1800, -44.2450,
3.3950

■ 49.6600, -36.9090,
2.6030

■ 54.9980, -32.0490,
2.6310

■ 60.6240, -28.0600,
1.9240

■ 65.9620, -23.2000,
1.9520

■ 71.5880, -19.2110,
1.2450

■ 76.9260, -14.3510,
1.2730

■ 82.5520, -10.3620,
0.5660

■ 87.8900, -5.5020,
0.5940

■ 93.5160, -1.5130,
-0.1130

Harmonies

Analogous

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



45.0070, -45.4360, -2.5560



44.0340, -40.8980, 3.3100



53.0880, -5.4590, 16.3410

Triad

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



44.0340, -40.8980, 3.3100



50.6360, 33.5600, 8.5360



39.5690, -27.3680, -21.6400

Complementary

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



44.0340, -40.8980, 3.3100



57.9660, 40.8980, -3.3100

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.



46.7050, 1.6080, -18.1360



44.0340, -40.8980, 3.3100



50.1050, 30.2610, -3.2670

Square

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



44.0340, -40.8980, 3.3100



50.9920, 29.9820, 18.3180



48.5070, 19.9010, -13.7550



42.6640, -34.7050, -15.3210

Rectangle

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



44.0340, -40.8980, 3.3100



53.5090, 9.5330, 19.9730



48.5070, 19.9010, -13.7550



42.6690, -15.9060, -20.1140

Sweetspot

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



44.0340, -40.8980, 3.3100



102.4420, -15.8640, 1.1600



63.3300, -37.3610, -33.2730



48.8510, -9.7660, 0.7780



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



44.0340, -40.8980, 3.3100



51.4760, -56.7620, 4.4700



18.7930, -29.0730, 25.7990



45.6300, -1.8340, 0.1980



47.4010, -52.1770, 3.9750



100.7350, -111.4150, 9.2650

Inverse Universe

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



38.5560, 37.6820, 32.9620



43.7740, 52.1680, 45.7680



83.2070, 29.0730, -25.7990



45.4240, 1.7420, 1.4700



40.2140, 47.8130, 42.0930



86.0100, 102.9150, 89.7550

Previews

White Background



This preview shows how the YIQ color 44.0340, -40.8980, 3.3100 looks on a white background.

Color Contrast Check

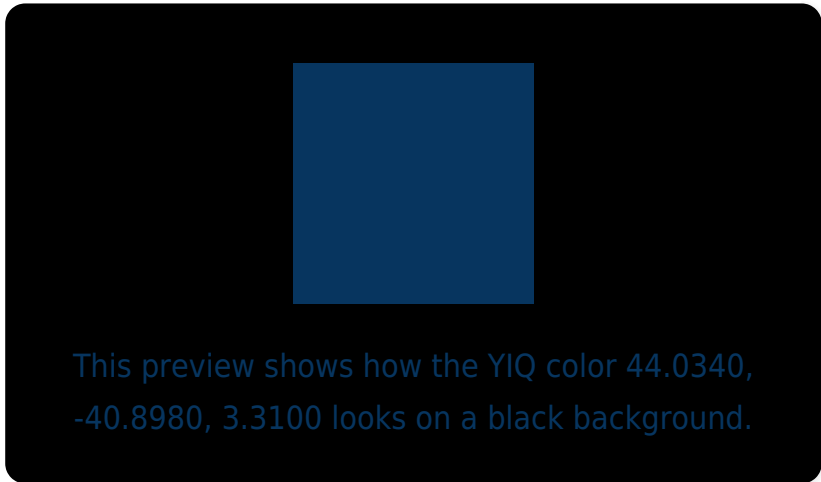
Large Text (above 18pt) WCAG AA ✓ Pass

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

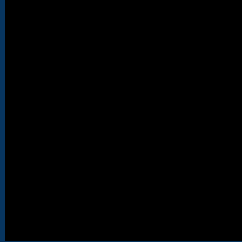
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.0340, -40.8980, 3.3100

Background



This preview shows how black text looks on a background with the YIQ color 44.0340, -40.8980, 3.3100.



This preview shows how white text looks on a background with the YIQ color 44.0340, -40.8980,

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

44.0340, -40.8980, 3.3100

Protanopia

50.4060, -24.2100, 9.2460

Deuteranopia

41.8270, -44.7490, 1.5150



Tritanopia

41.1140, -35.8520, -11.0520

Trichromacy



Original Color

44.0340, -40.8980, 3.3100

Protanomaly

48.4160, -30.1700, 7.1260

Deuteranomaly

42.7240, -42.9610, 2.1510

Tritanomaly

42.2050, -37.3660, -5.6380

Monochromacy



Original Color

44.0340, -40.8980, 3.3100

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.0400, -14.6720, 1.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.0340, -40.8980, 3.3100 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(7, 53, 95)` looks like.

```
.text, #text, p{  
    color:rgb(7, 53, 95)  
}
```

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(7, 53, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 53, 95) }
```

Border

The CSS property to change the border of an element to YIQ 44.0340, -40.8980, 3.3100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

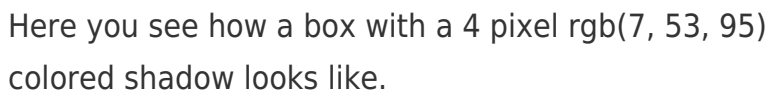
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(7, 53, 95) }
```


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

```
.border{ border-color:rgb(7, 53, 95) }
```

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



Here you see how a box with a 4 pixel `rgb(7, 53, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 53, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 53, 95); box-shadow:4px  
4px 4px 4px rgb(7, 53, 95) }
```

Background

The CSS property to change the background color of an element to YIQ 44.0340, -40.8980, 3.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 53, 95) }
```

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

```
.background{ background-color: rgb(7, 53,  
95) }
```

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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