

Converting Colors

YIQ(53.5640, 7.7000, 14.6440)

Have a look what the booklet for
YIQ(53.5640, 7.7000, 14.6440)
contains.

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Color

**YIQ(53.5640, 7.7000,
14.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	462A46
RGB	70, 42, 70
RGB Percent	27%, 16%, 27%
CMY	0.7254, 0.8353, 0.7255
CMYK	0.00, 0.40, 0.00, 0.73
HSL	300°, 25%, 22%
HSV	300°, 40%, 27%
XYZ	4.4604, 3.4002, 6.2159
YIQ	53.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

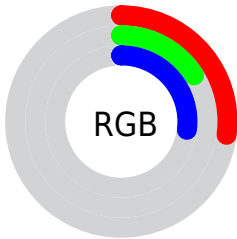
Format	Color
RYB	70, 42, 70
Decimal	4598342
CIELab	21.58, 18.37, -12.22
CIElCh	22, 22.058, 326.370
Yxy	3.4002, 0.3169, 0.2416
Android (android.graphics.Color)	4282788422 (0xFF462A46)
YUV	53.5640, 8.1029, 14.4144
Hunter-Lab	18.4397, 10.9087, -7.0787

Details

The YIQ color **53.5640, 7.7000, 14.6440** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **58.4360, -7.7000, -14.6440**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.6890, 8.8460, 15.9020**, and **11.7490, 8.6170, 14.5450** is the 20% darker color. If you saturate the color by 10%, you get **49.4550, 9.6250, 18.3050**, and if you desaturate by 10%, it is **57.6730, 5.7750, 10.9830**.

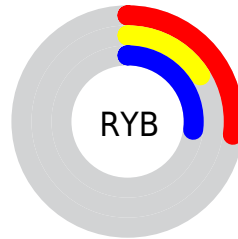
Distribution



Red (27%)

Green (16%)

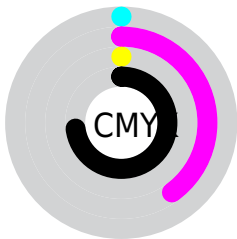
Blue (27%)



Red (27%)

Yellow (16%)

Blue (27%)

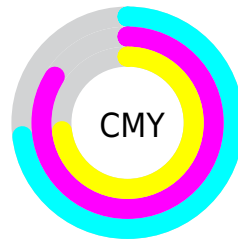


Cyan (0%)

Magenta (40%)

Yellow (0%)

Black (73%)



Cyan (73%)

Magenta (84%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.5640, 7.7000, 14.6440 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 53.5640, 7.7000, 14.6440 by changing the saturation by 10% instead.

■ 53.5640, 7.7000,
14.6440

■ 53.5640, 7.7000,
14.6440

■ 255.0000, -0.0000,
-0.0000

■ 31.8520, 6.8290,
13.9090

■ 100.6890, 8.8460,
15.9020

■ 11.7490, 8.6170,
14.5450

■ 126.1020, 9.1210,
16.4250

■ 0.0000, 0.0000,
0.0000

■ 151.9280, 9.6710,
17.4710

■ 178.9280, 9.6710,
17.4710

■ 206.3410, 9.9460,
17.9940

■ 234.4550, 9.6250,

18.3050

250.8910, 1.9250,
3.6610

53.5640, 7.7000,
14.6440

53.5640, 7.7000,
14.6440

49.4550, 9.6250,
18.3050

57.6730, 5.7750,
10.9830

45.3460, 11.5500,
21.9660

61.7820, 3.8500,
7.3220

41.2370, 13.4750,
25.6270

65.8910, 1.9250,
3.6610

37.1280, 15.4000,
29.2880

70.0000, 0.0000,
0.0000

33.0190, 17.3250,
32.9490

74.1090, -1.9250,
-3.6610

■ 28.9100, 19.2500,
36.6100

■ 78.2180, -3.8500,
-7.3220

■ 82.3270, -5.7750,
-10.9830

■ 86.4360, -7.7000,
-14.6440

■ 90.5450, -9.6250,
-18.3050

Harmonies

Analogous

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



52.3600, -9.4010, 10.6870



53.5640, 7.7000, 14.6440



52.6810, 20.4920, 14.0920

Triad

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



53.5640, 7.7000, 14.6440



50.2390, 18.0200, -7.1960



42.7440, -37.6860, -10.8540

Complementary

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



53.5640, 7.7000, 14.6440



58.4360, -7.7000, -14.6440

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.



40.8060, -32.2290, -16.1410



53.5640, 7.7000, 14.6440



48.7320, 6.1460, -12.2700

Square

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



53.5640, 7.7000, 14.6440



51.1030, 24.5750, 0.6630



45.8810, -10.4510, -14.3470



43.0520, -41.3090, -5.7650

Rectangle

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



53.5640, 7.7000, 14.6440



52.0250, 25.2150, 11.0950



45.8810, -10.4510, -14.3470



42.0600, -35.7600, -12.7200

Sweetspot

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



53.5640, 7.7000, 14.6440



85.5430, 3.0250, 5.7530



45.1920, -8.9880, 8.7080



41.8910, 1.9250, 3.6610



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.



53.5640, 7.7000, 14.6440



66.1720, 12.1000, 23.0120



51.9680, 12.1940, 10.2900



33.6520, 1.1000, 2.0920



40.8870, 27.2250, 51.7770



93.7510, 62.4250, 118.7210

Inverse Universe

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



53.5640, 7.7000, 14.6440



66.1720, 12.1000, 23.0120



60.0320, -12.1940, -10.2900



33.6520, 1.1000, 2.0920



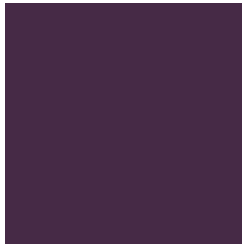
40.8870, 27.2250, 51.7770



93.7510, 62.4250, 118.7210

Previews

White Background



This preview shows how the YIQ color 53.5640, 7.7000, 14.6440 looks on a white background.

Color Contrast Check

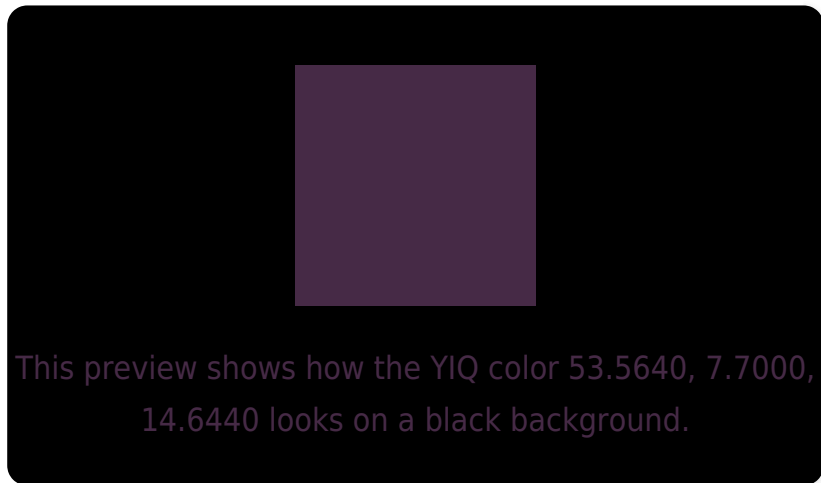
Large Text (above 18pt) WCAG AA ✓ Pass

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

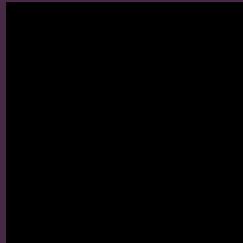
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.5640, 7.7000, 14.6440

Background



This preview shows how black text looks on a background with the YIQ color 53.5640, 7.7000, 14.6440.



This preview shows how white text looks on a background with the YIQ color 53.5640, 7.7000,

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

53.5640, 7.7000, 14.6440

Protanopia

51.5720, -13.1140, 6.3900

Deuteranopia

52.0410, -7.2450, 4.6510



Tritanopia

52.7350, 11.2320, 5.6960

Trichromacy



Original Color

53.5640, 7.7000, 14.6440

Protanomaly

52.4590, -5.3660, 9.1460

Deuteranomaly

52.7860, -1.9730, 8.2270

Tritanomaly

53.2450, 9.8560, 8.6080

Monochromacy



Original Color

53.5640, 7.7000, 14.6440

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.1300, 2.7500, 5.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.5640, 7.7000, 14.6440 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(70, 42, 70)` looks like.

```
.text, #text, p{  
    color:rgb(70, 42, 70)  
}
```

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(70, 42, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 42, 70) }
```

Border

The CSS property to change the border of an element to YIQ 53.5640, 7.7000, 14.6440 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(70, 42, 70) }
```


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

```
.border{ border-color:rgb(70, 42, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 42, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 42, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 42, 70);  
box-shadow:4px 4px 4px 4px rgb(70, 42, 70)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.5640, 7.7000, 14.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 42, 70) }
```

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

```
.background{ background-color: rgb(70, 42,  
70) }
```

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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