

Converting Colors

YIQ(57.5340, 7.2440, 0.8760)

Have a look what the booklet for
YIQ(57.5340, 7.2440, 0.8760)
contains.

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Color

YIQ(57.5340, 7.2440, 0.8760)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-------------------------|
| Hex | 413733 |
| RGB | 65, 55, 51 |
| RGB Percent | 25%, 22%, 20% |
| CMY | 0.7451, 0.7843, 0.8000 |
| CMYK | 0.00, 0.15, 0.22, 0.75 |
| HSL | 17°, 12%, 23% |
| HSV | 17°, 22%, 25% |
| XYZ | 4.1440, 4.0951, 3.7049 |
| YIQ | 57.5340, 7.2440, 0.8760 |

Conversions

Conversions Part 2

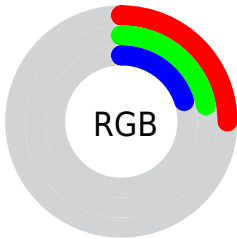
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 65, 57, 51 |
| Decimal | 4273971 |
| CIELab | 23.98, 3.64, 4.13 |
| CIElCh | 24, 5.503, 48.599 |
| Yxy | 4.0951, 0.3470, 0.3429 |
| Android (android.graphics.Color) | 4282464051 (0xFF413733) |
| YUV | 57.5340, -3.2213, 6.5477 |
| Hunter-Lab | 20.2363, 1.1403, 3.3104 |

Details

The YIQ color **57.5340, 7.2440, 0.8760** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **58.4660, -7.2440, -0.8760**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **104.7190, 8.1610, 0.7770**, and **13.9040, 9.0780, 0.6780** is the 20% darker color. If you saturate the color by 10%, you get **53.9150, 10.5450, 1.6250**, and if you desaturate by 10%, it is **61.2670, 3.6220, 0.4380**.

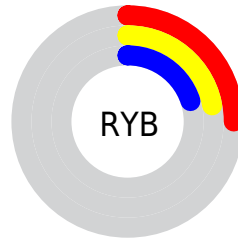
Distribution



Red (25%)

Green (22%)

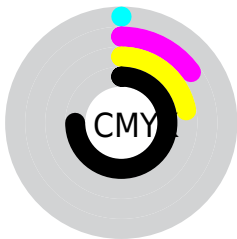
Blue (20%)



Red (25%)

Yellow (22%)

Blue (20%)

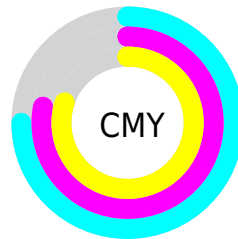


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (75%)



Cyan (75%)

Magenta (78%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.5340, 7.2440, 0.8760 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 57.5340, 7.2440, 0.8760 by changing the saturation by 10% instead.

■ 57.5340, 7.2440,
0.8760

■ 57.5340, 7.2440,
0.8760

■ 255.0000, -0.0000,
-0.0000

■ 36.2350, 6.6480,
0.6640

■ 104.7190, 8.1610,
0.7770

■ 13.9040, 9.0780,
0.6780

■ 130.0180, 8.7570,
0.9890

■ 0.0000, 0.0000,
0.0000

■ 156.0180, 8.7570,
0.9890

■ 182.3170, 9.3530,
1.2010

■ 210.3170, 9.3530,
1.2010

■ 238.3170, 9.3530,

1.2010

■ 57.5340, 7.2440,
0.8760

■ 57.5340, 7.2440,
0.8760

■ 53.9150, 10.5450,
1.6250

■ 61.2670, 3.6220,
0.4380

■ 50.7690, 13.8920,
1.5400

■ 64.2990, 0.5960,
0.2120

■ 47.1500, 17.1930,
2.2890

■ 68.0320, -3.0260,
-0.2260

■ 43.4170, 20.8150,
2.7270

■ 71.6510, -6.3270,
-0.9750

■ 40.3850, 23.8410,
2.9530

■ 74.7970, -9.6740,
-0.8900

■ 36.6520, 27.4630,
3.3910

■ 78.4160, -12.9750,
-1.6390

■ 33.0330, 30.7640,
4.1400

■ 82.1490, -16.5970,
-2.0770

■ 30.5880, 33.5150,
3.8430

■ 85.1810, -19.6230,
-2.3030

■ 88.9140, -23.2450,
-2.7410

Harmonies

Analogous

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



57.7020, 6.8310, 2.8550



57.5340, 7.2440, 0.8760



56.9960, 5.8230, -0.9050

Triad

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



57.5340, 7.2440, 0.8760



55.5540, -4.6760, -3.3640



57.6130, -3.1640, 2.2760

Complementary

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



57.5340, 7.2440, 0.8760



58.4660, -7.2440, -0.8760

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.



56.7050, -6.4190, 0.6930



57.5340, 7.2440, 0.8760



55.4120, -7.1520, -2.5440

Square

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



57.5340, 7.2440, 0.8760



56.2940, -1.0080, -3.7600



55.8680, -8.4360, -1.3000



57.7060, 1.0080, 3.7600

Rectangle

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



57.5340, 7.2440, 0.8760



56.6860, 3.7600, -2.0640



55.8680, -8.4360, -1.3000



57.0150, -4.3560, 1.8520

Sweetspot

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



57.5340, 7.2440, 0.8760



81.6690, 2.4300, 0.0140



56.3260, 5.1340, 6.0780



41.4840, 1.5130, 0.1130



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.



57.5340, 7.2440, 0.8760



72.6870, 11.1870, 1.0030



61.6430, 5.3190, -2.7850



31.4840, 1.5130, 0.1130



45.4390, 50.1120, 5.9200



104.5440, 115.9040, 14.0160

Inverse Universe

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



58.4660, -7.2440, -0.8760



73.9000, -11.4620, -1.5260



54.3570, -5.3190, 2.7850



31.5160, -1.5130, -0.1130



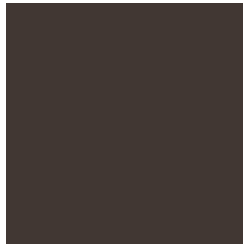
51.5610, -50.1120, -5.9200



119.4560, -115.9040, -14.0160

Previews

White Background



This preview shows how the YIQ color 57.5340, 7.2440, 0.8760 looks on a white background.

Color Contrast Check

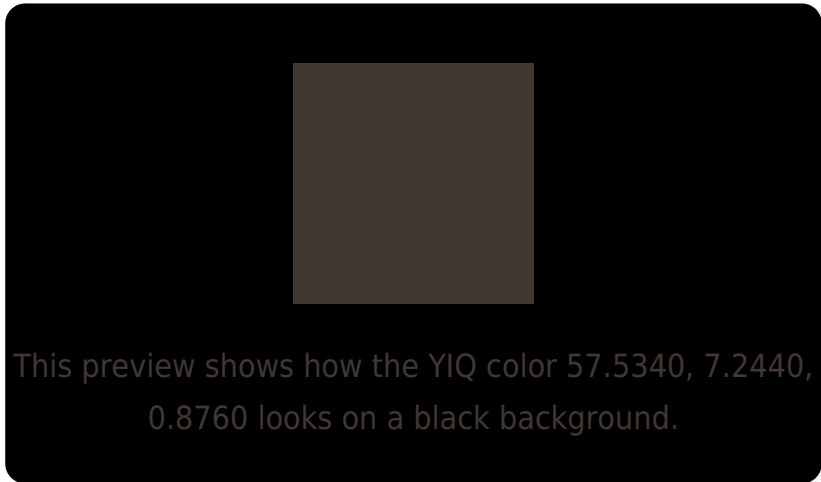
Large Text (above 18pt) WCAG AA ✓ Pass

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

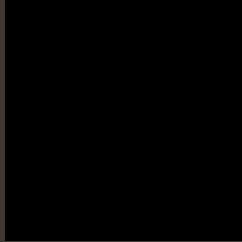
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.5340, 7.2440, 0.8760

Background



This preview shows how black text looks on a background with the YIQ color 57.5340, 7.2440, 0.8760.

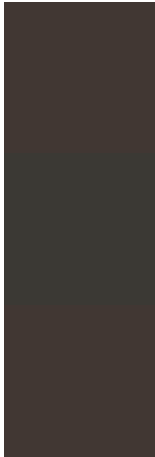


This preview shows how white text looks on a background with the YIQ color 57.5340, 7.2440, 0.8760.

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

57.5340, 7.2440, 0.8760

Protanopia

57.0280, 2.7970, -1.1310

Deuteranopia

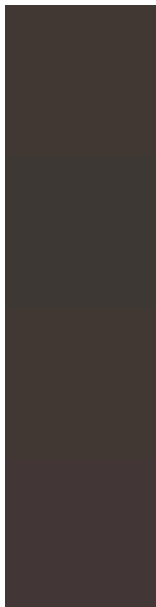
57.5340, 7.2440, 0.8760



Tritanopia

58.0440, 5.8680, 3.7880

Trichromacy



Original Color

57.5340, 7.2440, 0.8760

Protanomaly

57.0390, 4.2640, -0.1840

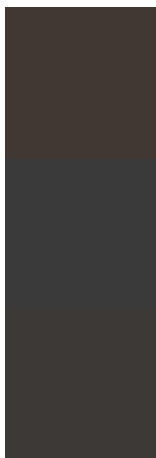
Deuteranomaly

57.5340, 7.2440, 0.8760

Tritanomaly

57.7020, 6.8310, 2.8550

Monochromacy



Original Color

57.5340, 7.2440, 0.8760

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.9680, 3.0260, 0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.5340, 7.2440, 0.8760 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(65, 55, 51)` looks like.

```
.text, #text, p{  
    color:rgb(65, 55, 51)  
}
```

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(65, 55, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 55, 51) }
```

Border

The CSS property to change the border of an element to YIQ 57.5340, 7.2440, 0.8760 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(65, 55, 51) }
```

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

```
.border{ border-color:rgb(65, 55, 51) }
```

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

Here you see how a box with a 4 pixel rgb(65, 55, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 55, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 55, 51);  
box-shadow:4px 4px 4px 4px rgb(65, 55, 51)  
}
```


Background

The CSS property to change the background color of an element to YIQ 57.5340, 7.2440, 0.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 55, 51) }
```

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

```
.background{ background-color: rgb(65, 55,  
51) }
```

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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