

Converting Colors

YIQ(86.5340, 7.2440, 0.8760)

Have a look what the booklet for
YIQ(86.5340, 7.2440, 0.8760)
contains.

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Color

YIQ(86.5340, 7.2440, 0.8760)

Conversions

Conversions Part 1

Format	Color
Hex	5E5450
RGB	94, 84, 80
RGB Percent	37%, 33%, 31%
CMY	0.6313, 0.6706, 0.6862
CMYK	0.00, 0.11, 0.15, 0.63
HSL	17°, 8%, 34%
HSV	17°, 15%, 37%
XYZ	9.2349, 9.2993, 8.8992
YIQ	86.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

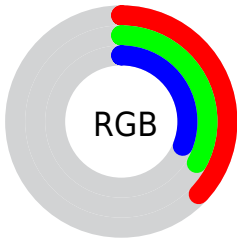
Format	Color
R_{YB}	94, 86, 80
Decimal	6181968
CIE _{Lab}	36.55, 3.34, 3.82
CIE _{LCh}	37, 5.068, 48.842
Yxy	9.2993, 0.3366, 0.3390
Android (android.graphics.Color)	4284372048 (0xFF5E5450)
YUV	86.5340, -3.2213, 6.5477
Hunter-Lab	30.4947, 0.6906, 4.0438

Details

The YIQ color **86.5340, 7.2440, 0.8760** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.4660, -7.2440, -0.8760**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **135.8330, 7.8400, 1.0880**, and **41.3490, 6.3270, 0.9750** is the 20% darker color. If you saturate the color by 10%, you get **81.3990, 12.0580, 1.7380**, and if you desaturate by 10%, it is **91.6690, 2.4300, 0.0140**.

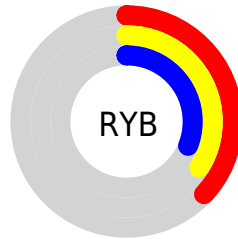
Distribution



Red (37%)

Green (33%)

Blue (31%)



Red (37%)

Yellow (34%)

Blue (31%)

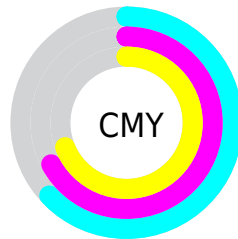


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (63%)



Cyan (63%)

Magenta (67%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.5340, 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 86.5340, 7.2440, 0.8760 by changing the saturation by 10% instead.

■ 86.5340, 7.2440,
0.8760

■ 86.5340, 7.2440,
0.8760

■ 255.0000, -0.0000,
-0.0000

■ 63.2350, 6.6480,
0.6640

■ 135.8330, 7.8400,
1.0880

■ 41.3490, 6.3270,
0.9750

■ 162.7190, 8.1610,
0.7770

■ 20.8220, 6.3730,
0.1410

■ 189.7190, 8.1610,
0.7770

■ 0.0000, 0.0000,
0.0000

■ 217.1320, 8.4360,
1.3000

■ 246.0180, 8.7570,
0.9890

■ 86.5340, 7.2440,
0.8760

■ 86.5340, 7.2440,
0.8760

■ 81.3990, 12.0580,
1.7380

■ 91.6690, 2.4300,
0.0140

■ 76.7370, 16.9180,
1.7660

■ 96.3310, -2.4300,
-0.0140

■ 71.6020, 21.7320,
2.6280

■ 101.4660, -7.2440,
-0.8760

■ 66.3530, 26.8670,
3.1790

■ 106.7150,
-12.3790, -1.4270

■ 61.2180, 31.6810,
4.0410

■ 111.8500,
-17.1930, -2.2890

■ 56.6700, 36.2200,
4.3800

■ 116.3980,
-21.7320, -2.6280

■ 51.4210, 41.3550,
4.9310

■ 121.6470,
-26.8670, -3.1790

■ 46.2860, 46.1690,

■ 126.7820,

5.7930

-31.6810, -4.0410

■ 43.9550, 48.5990,
5.8070

■ 131.4440,
-36.5410, -4.0690

Harmonies

Analogous

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



86.7020, 6.8310, 2.8550



86.5340, 7.2440, 0.8760



85.9960, 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.



86.5340, 7.2440, 0.8760



84.5540, -4.6760, -3.3640



86.0260, -2.8890, 2.7990

Complementary

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



86.5340, 7.2440, 0.8760



87.4660, -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.



85.7050, -6.4190, 0.6930



86.5340, 7.2440, 0.8760



84.4120, -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.



86.5340, 7.2440, 0.8760



85.4080, -1.3290, -3.4490



85.1670, -7.8400, -1.0880



86.5920, 1.3290, 3.4490

Rectangle

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



86.5340, 7.2440, 0.8760



85.6860, 3.7600, -2.0640



85.1670, -7.8400, -1.0880



86.0150, -4.3560, 1.8520

Sweetspot

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



86.5340, 7.2440, 0.8760



119.7830, 2.1090, 0.3250



85.3260, 5.1340, 6.0780



59.4840, 1.5130, 0.1130



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.



86.5340, 7.2440, 0.8760



110.6870, 11.1870, 1.0030



90.6430, 5.3190, -2.7850



43.6690, 2.4300, 0.0140



51.0870, 57.0350, 7.1070



110.7790, 122.5520, 14.6800

Inverse Universe

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



87.4660, -7.2440, -0.8760



111.9000, -11.4620, -1.5260



83.3570, -5.3190, 2.7850



43.9180, -2.7050, -0.5370



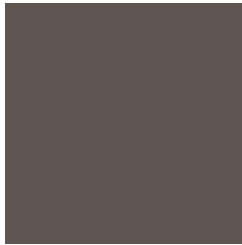
58.3260, -56.7600, -6.5840



126.8080, -122.8270, -15.2030

Previews

White Background



This preview shows how the YIQ color 86.5340, 7.2440, 0.8760 looks on a white background.

Color Contrast Check

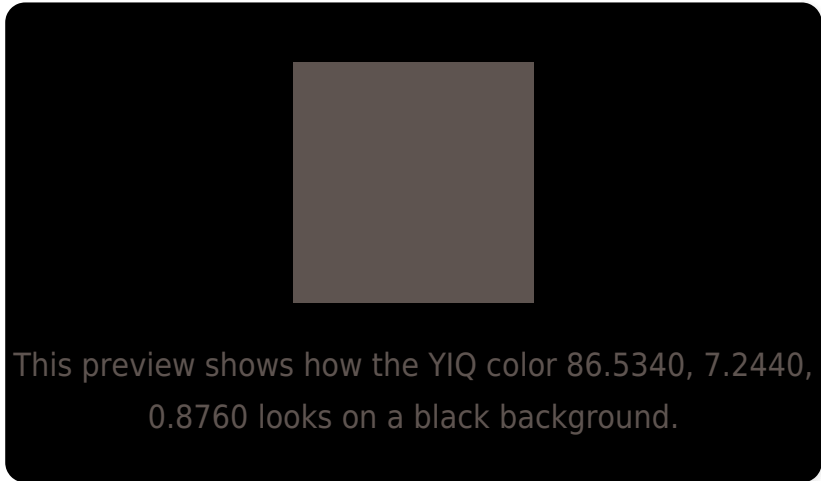
Large Text (above 18pt) WCAG AA ✓ Pass

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

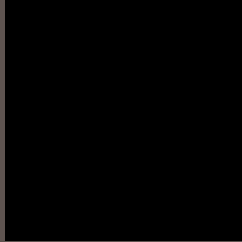
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.5340, 7.2440, 0.8760

Background



This preview shows how black text looks on a background with the YIQ color 86.5340, 7.2440, 0.8760.



This preview shows how white text looks on a background with the YIQ color 86.5340, 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

86.5340, 7.2440, 0.8760

Protanopia

86.3270, 3.3930, -0.9190

Deuteranopia

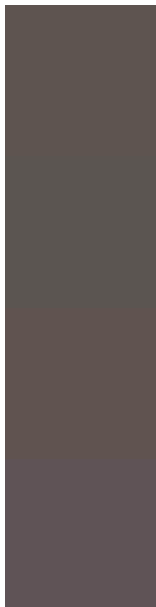
86.8440, 9.3070, 2.0350



Tritanopia

87.2720, 5.2260, 4.4100

Trichromacy



Original Color

86.5340, 7.2440, 0.8760

Protanomaly

86.3380, 4.8600, 0.0280

Deuteranomaly

86.5450, 8.7110, 1.8230

Tritanomaly

86.9300, 6.1890, 3.4770

Monochromacy



Original Color

86.5340, 7.2440, 0.8760

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.9680, 3.0260, 0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.5340, 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(94, 84, 80)` looks like.

```
.text, #text, p{  
    color:rgb(94, 84, 80)  
}
```

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(94, 84, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 84, 80) }
```

Border

The CSS property to change the border of an element to YIQ 86.5340, 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(94, 84, 80) }
```

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

```
.border{ border-color:rgb(94, 84, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 84, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 84, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 84, 80);  
box-shadow:4px 4px 4px 4px rgb(94, 84, 80)  
}
```


Background

The CSS property to change the background color of an element to YIQ 86.5340, 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(94, 84, 80) }
```

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

```
.background{ background-color: rgb(94, 84,  
80) }
```

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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