

Converting Colors

XYZ(35.5198, 38.4652, 37.9914)

Have a look what the booklet for
XYZ(35.5198, 38.4652, 37.9914)
contains.

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Color

**XYZ(35.4840, 38.3664,
37.8830)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A89E
RGB	164, 168, 158
RGB Percent	64%, 66%, 62%
CMY	0.3569, 0.3412, 0.3804
CMYK	0.02, 0.00, 0.06, 0.34
HSL	84°, 5%, 64%
HSV	84°, 6%, 66%
XYZ	35.4840, 38.3664, 37.8830
YIQ	165.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

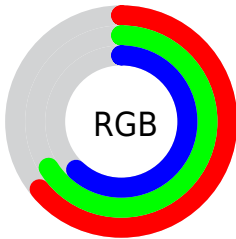
Format	Color
RYB	158, 168, 162
Decimal	10791070
CIELab	68.29, -3.29, 4.66
CIELCh	68, 5.706, 125.231
Yxy	38.3664, 0.3176, 0.3434
Android (android.graphics.Color)	4288981150 (0xFFA4A89E)
YUV	165.6640, -3.7784, -1.4593
Hunter-Lab	61.9406, -6.1386, 7.0966

Details

The XYZ color **35.4840, 38.3664, 37.8830** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1966, 34.9633, 41.9941**, and the grayscale version is **36.1016, 37.9817, 41.3621**.

A 20% lighter version of the original color is **67.6113, 72.6395, 73.4081**, and **15.5813, 16.9971, 16.3695** is the 20% darker color. If you saturate the color by 10%, you get **32.7848, 37.1319, 30.7169**, and if you desaturate by 10%, it is **38.4565, 39.7212, 46.0955**.

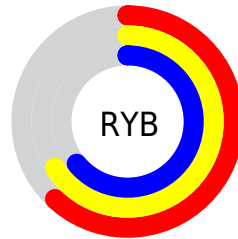
Distribution



Red (64%)

Green (66%)

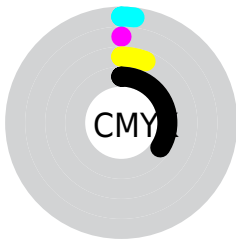
Blue (62%)



Red (62%)

Yellow (66%)

Blue (64%)

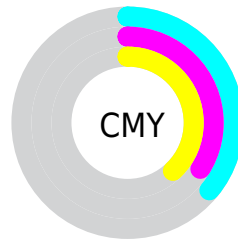


Cyan (2%)

Magenta (0%)

Yellow (6%)

Black (34%)



Cyan (36%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4840, 38.3664, 37.8830 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 XYZ color 35.4840, 38.3664, 37.8830 by changing the saturation by 10% instead.

■ 35.4840, 38.3664,
37.8830

■ 35.4840, 38.3664,
37.8830

318.1703,
339.1891, 352.4009

■ 24.2042, 26.2672,
25.5908

■ 67.5640, 72.6694,
73.1302

■ 15.6107, 17.0236,
16.2947

■ 89.0949, 95.6419,
96.9223

■ 9.3382, 10.2513,
9.5763

114.7735,
123.0077, 125.3847

■ 5.0213, 5.5659,
5.0171

144.9652,
155.1512, 158.9360

■ 2.2947, 2.5830,
2.1984

180.0354,
192.4566, 197.9947

■ 0.7919, 0.9181,
0.6734

220.3494,

■ 0.0000, 0.0000,

235.3085, 242.9794

0.0000

266.2726,
284.0912, 294.3086

■ 35.4840, 38.3664,
37.8830

■ 35.4840, 38.3664,
37.8830

■ 32.7848, 37.1319,
30.7169

■ 38.4565, 39.7212,
46.0955

■ 30.3466, 36.0088,
24.5528

■ 41.7076, 41.1948,
55.3915

■ 28.1607, 34.9949,
19.3465

■ 45.2467, 42.7924,
65.8095

■ 26.2169, 34.0859,
15.0497

■ 49.0815, 44.5171,
77.3852

■ 24.5039, 33.2772,
11.6101

■ 53.2196, 46.3720,
90.1527

■ 23.0096, 32.5638,
8.9697

■ 57.0497, 48.1128,
100.8876

■ 21.7204, 31.9400,
7.0634

■ 58.9369, 49.0857,
100.9759

■ 20.6206, 31.3995,
5.8163

■ 60.9046, 50.1002,
101.0680

■ 19.6900, 30.9341,
5.1283

■ 62.9540, 51.1566,
101.1639

Harmonies

Analogous

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



36.3097, 38.3664, 37.0638



35.4840, 38.3664, 37.8830



34.9283, 38.3664, 39.7468

Triad

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



35.4840, 38.3664, 37.8830



35.7511, 38.3664, 46.4032



38.2038, 38.3664, 41.3275

Complementary

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



35.4840, 38.3664, 37.8830



34.1966, 34.9633, 41.9941

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.



38.0484, 38.3664, 43.8700



35.4840, 38.3664, 37.8830



36.6230, 38.3664, 46.8683

Square

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



35.4840, 38.3664, 37.8830



35.0807, 38.3664, 44.6776



37.4662, 38.3664, 45.9237



37.8875, 38.3664, 39.0000

Rectangle

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



35.4840, 38.3664, 37.8830



34.7807, 38.3664, 41.3667



37.4662, 38.3664, 45.9237



38.2051, 38.3664, 42.1849

Sweetspot

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



35.4851, 38.3681, 37.8838



66.4420, 70.5569, 74.3490



35.2418, 36.6355, 37.5622



14.4949, 15.3845, 16.2418



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



35.4851, 38.3681, 37.8838



63.7887, 69.3464, 67.1178



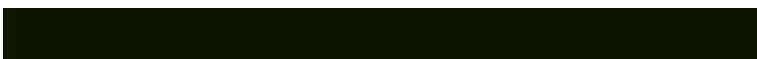
34.4734, 37.8465, 37.8365



7.9689, 8.6752, 8.3533



14.6660, 23.2578, 3.7162



0.4122, 0.5944, 0.0930

Inverse Universe

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



34.1966, 34.9633, 41.9941



61.0112, 62.0070, 75.9780



35.2325, 35.4974, 42.0425



7.6071, 7.7193, 9.5074



7.1525, 3.0707, 28.1912



0.2321, 0.1046, 0.6886

Previews

White Background



This preview shows how the XYZ color 35.4840, 38.3664, 37.8830 looks on a white background.

Color Contrast Check

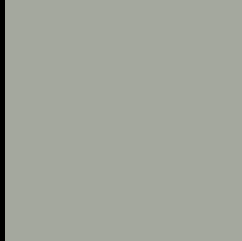
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 35.4840, 38.3664, 37.8830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

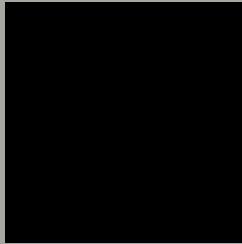
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

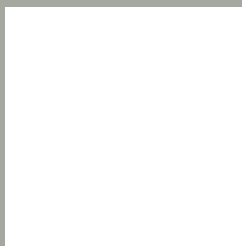
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4840, 38.3664, 37.8830

Background



This preview shows how black text looks on a background with the XYZ color 35.4840, 38.3664, 37.8830.



This preview shows how white text looks on a background with the XYZ color 35.4840, 38.3664,

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

35.4840, 38.3664, 37.8830

Protanopia

36.7353, 38.4774, 37.3890

Deuteranopia

39.0105, 38.3072, 38.1388



Tritanopia

37.4274, 38.3401, 47.5472

Trichromacy



Original Color

35.4840, 38.3664, 37.8830

Protanomaly

36.2667, 38.5068, 37.4194

Deuteranomaly

37.6649, 38.4012, 38.2279

Tritanomaly

36.7128, 38.3197, 43.9895

Monochromacy



Original Color

35.4840, 38.3664, 37.8830

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.9466, 38.2811, 40.1447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4840, 38.3664, 37.8830 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(164, 168, 158)` looks like.

```
.text, #text, p{  
    color:rgb(164, 168, 158)  
}
```

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(164, 168, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 168, 158) }
```

Border

The CSS property to change the border of an element to XYZ 35.4840, 38.3664, 37.8830 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(164, 168, 158) }
```


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

```
.border{ border-color:rgb(164, 168, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 168, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 168, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 168, 158);  
box-shadow:4px 4px 4px 4px rgb(164, 168,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4840, 38.3664, 37.8830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 168, 158) }
```

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

```
.background{ background-color: rgb(164,  
168, 158) }
```

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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