

Converting Colors

XYZ(40.9108, 44.3413, 37.9005)

Have a look what the booklet for
XYZ(40.9108, 44.3413, 37.9005)
contains.

XYZ(40.9432, 44.3438, 37.8538)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.9432, 44.3438,
37.8538)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B39C
RGB	180, 179, 156
RGB Percent	71%, 70%, 61%
CMY	0.2941, 0.2980, 0.3882
CMYK	0.00, 0.01, 0.13, 0.29
HSL	58°, 14%, 66%
HSV	58°, 13%, 71%
XYZ	40.9432, 44.3438, 37.8538
YIQ	176.6770, 7.9790, -6.9410

Conversions

Conversions Part 2

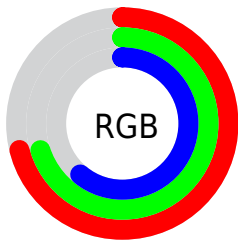
Format	Color
RYB	157, 180, 156
Decimal	11842460
CIELab	72.46, -3.67, 11.88
CIELCh	72, 12.435, 107.148
Yxy	44.3438, 0.3325, 0.3601
Android (android.graphics.Color)	4290032540 (0xFFB4B39C)
YUV	176.6770, -10.1938, 2.9143
Hunter-Lab	66.5911, -6.7847, 12.9103

Details

The XYZ color **40.9432, 44.3438, 37.8538** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0054, 34.4764, 48.0426**, and the grayscale version is **41.6703, 43.8404, 47.7422**.

A 20% lighter version of the original color is **76.0583, 81.9527, 73.4378**, and **18.7631, 20.4537, 16.3236** is the 20% darker color. If you saturate the color by 10%, you get **39.3818, 43.4818, 30.3625**, and if you desaturate by 10%, it is **42.7338, 45.3017, 46.5370**.

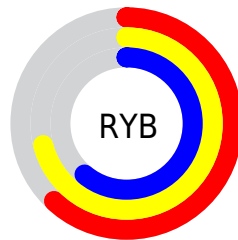
Distribution



Red (71%)

Green (70%)

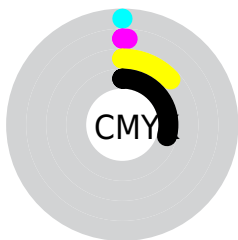
Blue (61%)



Red (62%)

Yellow (71%)

Blue (61%)

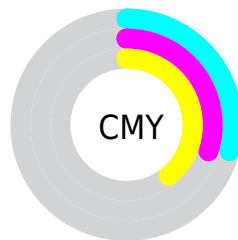


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (29%)



Cyan (29%)


Magenta (30%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9432, 44.3438, 37.8538 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 40.9432, 44.3438, 37.8538 by changing the saturation by 10% instead.


 40.9432, 44.3438,
37.8538


 40.9432, 44.3438,
37.8538


341.1498,
364.1094, 352.2718

 28.4622, 30.9409,
25.5683


 75.8729, 81.7348,
73.0849

 18.8166, 20.5538,
16.2781


 99.0523, 106.4917,
96.8676

 11.6410, 12.7983,
9.5647

126.5286,
135.8021, 125.3198

 6.5702, 7.2898,
5.0095

158.6670,
170.0503, 158.8600

 3.2387, 3.6440,
2.1940

195.8330,
209.6207, 197.9068

 1.2812, 1.4765,
0.6709

238.3919,

 0.1691, 0.2721,

254.8978, 242.8786

0.0000

286.7090,
306.2659, 294.1941

■ 0.0000, 0.0000,
0.0000

■ 40.9432, 44.3438,
37.8538

■ 40.9432, 44.3438,
37.8538

■ 39.3818, 43.4818,
30.3625

■ 42.7338, 45.3017,
46.5370

■ 38.0360, 42.7059,
24.0081

■ 44.7592, 46.3533,
56.4581

■ 36.8964, 42.0138,
18.7356


■ 47.0293, 47.5042,
67.6644


■ 35.9515, 41.4008,
14.4841


■ 49.5527, 48.7576,
80.1995


■ 35.1885, 40.8619,
11.1870


■ 52.3370, 50.1167,
94.1052


 34.5934, 40.3915,
8.7695


 53.9064, 50.9911,
101.6088


 34.1497, 39.9829,
7.1460

 54.0614, 51.3011,
101.6605

 33.8381, 39.6284,
6.2134

 54.2172, 51.6128,
101.7125

 33.6764, 39.4111,
5.8322

 54.3739, 51.9261,
101.7647

Harmonies

Analogous

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



43.0714, 44.3438, 37.6593



40.9432, 44.3438, 37.8538



39.1959, 44.3438, 40.6877

Triad

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



40.9432, 44.3438, 37.8538



39.4045, 44.3438, 57.4692



46.2972, 44.3438, 50.9578

Complementary

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



40.9432, 44.3438, 37.8538



34.0054, 34.4764, 48.0426

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.



45.2436, 44.3438, 56.7689



40.9432, 44.3438, 37.8538



41.2368, 44.3438, 60.7371

Square

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



40.9432, 44.3438, 37.8538



38.3284, 44.3438, 51.8495



43.3751, 44.3438, 60.4705



46.2121, 44.3438, 44.8836

Rectangle

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



40.9432, 44.3438, 37.8538



38.4603, 44.3438, 43.8399



43.3751, 44.3438, 60.4705



46.0630, 44.3438, 53.0162

Sweetspot

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



40.9444, 44.3458, 37.8548



77.2319, 82.0078, 83.1473



36.8142, 35.9220, 36.9819



16.6376, 17.6958, 17.7035



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



40.9444, 44.3458, 37.8548



73.3653, 79.9302, 64.4231



38.7275, 43.5003, 37.8084



9.1662, 9.8450, 9.0697



23.5165, 27.5315, 4.0747



0.7492, 0.8847, 0.1313

Inverse Universe

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



34.0054, 34.4764, 48.0426



58.3168, 58.5269, 86.5178



36.0213, 35.2666, 48.0888



8.0693, 8.2848, 10.6802



5.8187, 2.4377, 30.3008



0.1924, 0.0953, 0.9565

Previews

White Background



This preview shows how the XYZ color 40.9432, 44.3438, 37.8538 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 40.9432, 44.3438, 37.8538 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 40.9432, 44.3438, 37.8538

Background



This preview shows how black text looks on a background with the XYZ color 40.9432, 44.3438, 37.8538.



This preview shows how white text looks on a background with the XYZ color 40.9432, 44.3438,

37.8538.

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

40.9432, 44.3438, 37.8538

Protanopia

41.8882, 44.2499, 37.3437

Deuteranopia

45.0916, 44.1510, 38.4932



Tritanopia

43.9803, 44.0933, 53.7698

Trichromacy



Original Color

40.9432, 44.3438, 37.8538

Protanomaly

41.6040, 44.3977, 37.3872

Deuteranomaly

43.4700, 44.1758, 38.1339

Tritanomaly

42.8902, 44.2525, 47.3553

Monochromacy



Original Color

40.9432, 44.3438, 37.8538

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.4419, 44.1703, 43.8776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9432, 44.3438, 37.8538 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(180, 179, 156)` looks like.

```
.text, #text, p{  
    color:rgb(180, 179, 156)  
}
```

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(180, 179, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 179, 156) }
```

Border

The CSS property to change the border of an element to XYZ 40.9432, 44.3438, 37.8538 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(180, 179, 156) }
```


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

```
.border{ border-color:rgb(180, 179, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 179, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 179, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 179, 156);  
box-shadow:4px 4px 4px 4px rgb(180, 179,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9432, 44.3438, 37.8538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 179, 156) }
```

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

```
.background{ background-color: rgb(180,  
179, 156) }
```

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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