

Converting Colors

XYZ(37.4541, 38.6024, 40.5995)

Have a look what the booklet for
XYZ(37.4541, 38.6024, 40.5995)
contains.

XYZ(37.3896, 38.4748, 40.5777)	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(37.3896, 38.4748,
40.5777)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA5A4
RGB	173, 165, 164
RGB Percent	68%, 65%, 64%
CMY	0.3216, 0.3529, 0.3569
CMYK	0.00, 0.05, 0.05, 0.32
HSL	7°, 5%, 66%
HSV	7°, 5%, 68%
XYZ	37.3896, 38.4748, 40.5777
YIQ	167.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

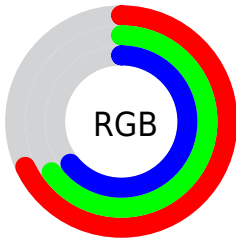
Format	Color
RYB	173, 165, 164
Decimal	11380132
CIELab	68.37, 2.70, 1.54
CIELCh	68, 3.107, 29.671
Yxy	38.4748, 0.3211, 0.3304
Android (android.graphics.Color)	4289570212 (0xFFADA5A4)
YUV	167.2780, -1.6161, 5.0182
Hunter-Lab	62.0281, -0.9519, 4.6331

Details

The XYZ color **37.3896, 38.4748, 40.5777** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6053, 40.4143, 45.3546**, and the grayscale version is **36.8729, 38.7932, 42.2458**.

A 20% lighter version of the original color is **70.3743, 72.7949, 77.3595**, and **16.7149, 17.0451, 17.7383** is the 20% darker color. If you saturate the color by 10%, you get **33.3245, 32.6768, 32.0318**, and if you desaturate by 10%, it is **42.0027, 45.0277, 50.3558**.

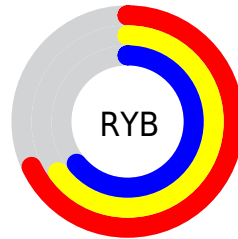
Distribution



Red (68%)

Green (65%)

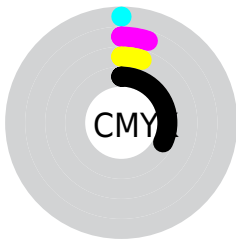
Blue (64%)



Red (68%)

Yellow (65%)

Blue (64%)

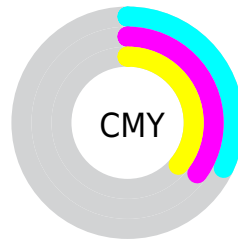


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3896, 38.4748, 40.5777 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 37.3896, 38.4748, 40.5777 by changing the saturation by 10% instead.

■ 37.3896, 38.4748,
40.5777

■ 37.3896, 38.4748,
40.5777

326.3205,
339.6524, 364.1767

■ 25.6843, 26.3514,
27.6720

■ 70.4815, 72.8353,
77.2891

■ 16.7191, 17.0867,
17.8417

■ 92.5989, 95.8412,
101.9319

■ 10.1285, 10.2963,
10.6681

118.9177,
123.2434, 131.3242

■ 5.5471, 5.5959,
5.7328

149.8033,
155.4262, 165.8845

■ 2.6097, 2.6009,
2.6171

185.6210,
192.7742, 206.0314

■ 0.9509, 0.9271,
0.9013

226.7362,

■ 0.0000, 0.0000,

235.6716, 252.1834

0.0000

273.5143,
284.5028, 304.7590

■ 37.3896, 38.4748,
40.5777

■ 37.3896, 38.4748,
40.5777

■ 33.3245, 32.6768,
32.0318

■ 42.0027, 45.0277,
50.3558

■ 29.7840, 27.6019,
24.6668

■ 47.1799, 52.3562,
61.4097

■ 26.7474, 23.2231,
18.4314

■ 52.9404, 60.4862,
73.7838

■ 24.1919, 19.5100,
13.2698

■ 59.3017, 69.4411,
87.5199

■ 22.0925, 16.4299,
9.1211

■ 66.2806, 79.2431,
102.6577

■ 20.4222, 13.9475,
5.9186

■ 71.0439, 87.6244,
107.7765

■ 19.1509, 12.0236,
3.5873

■ 18.2447, 10.6148,
2.0413

■ 17.6633, 9.6705,
1.1740

Harmonies

Analogous

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



37.5145, 38.4748, 41.9079



37.3896, 38.4748, 40.5777



37.0445, 38.4748, 39.6180

Triad

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



37.3896, 38.4748, 40.5777



35.7661, 38.4748, 40.5516



36.5638, 38.4748, 44.6346

Complementary

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



37.3896, 38.4748, 40.5777



37.6053, 40.4143, 45.3546

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.



36.0979, 38.4748, 44.2525



37.3896, 38.4748, 40.5777



35.6398, 38.4748, 41.8771

Square

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



37.3896, 38.4748, 40.5777



36.1071, 38.4748, 39.6032



35.7608, 38.4748, 43.2354



37.0351, 38.4748, 44.2684

Rectangle

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



37.3896, 38.4748, 40.5777



36.7375, 38.4748, 39.3068



35.7608, 38.4748, 43.2354



36.4013, 38.4748, 44.5892

Sweetspot

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



37.3907, 38.4765, 40.5785



69.4727, 72.4769, 77.9769



37.9657, 38.4182, 44.4952



15.1178, 15.7791, 16.9882



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



37.3907, 38.4765, 40.5785



66.2671, 67.9165, 71.2025



38.1976, 40.0903, 40.8475



8.3392, 8.5310, 8.9194



12.8574, 6.9204, 0.6581



0.3800, 0.2371, 0.0257

Inverse Universe

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



37.6053, 40.4143, 45.3546



66.7154, 71.9648, 81.1801



36.7822, 38.7681, 45.0802



8.3996, 9.0757, 10.2618



14.0233, 19.1804, 32.0076



0.4113, 0.5760, 0.8975

Previews

White Background



This preview shows how the XYZ color 37.3896, 38.4748, 40.5777 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 37.3896, 38.4748, 40.5777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

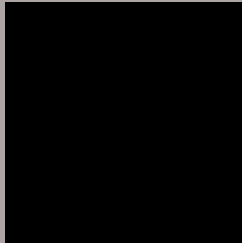
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3896, 38.4748, 40.5777

Background



This preview shows how black text looks on a background with the XYZ color 37.3896, 38.4748, 40.5777.

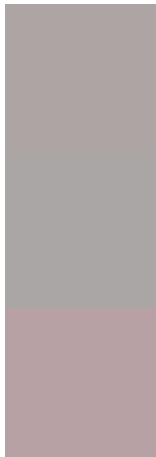


This preview shows how white text looks on a background with the XYZ color 37.3896, 38.4748,

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

37.3896, 38.4748, 40.5777

Protanopia

37.0053, 38.5351, 41.0849

Deuteranopia

39.0648, 38.2736, 40.9259



Tritanopia

38.6129, 38.4429, 46.4594

Trichromacy



Original Color

37.3896, 38.4748, 40.5777

Protanomaly

37.2223, 38.6470, 41.0951

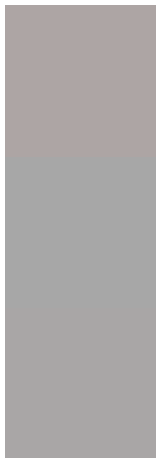
Deuteranomaly

38.3023, 38.1410, 40.9405

Tritanomaly

38.1774, 38.5281, 44.4542

Monochromacy



Original Color

37.3896, 38.4748, 40.5777

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.8813, 38.4606, 41.5562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3896, 38.4748, 40.5777 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(173, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 164)  
}
```

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(173, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 164) }
```

Border

The CSS property to change the border of an element to XYZ 37.3896, 38.4748, 40.5777 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(173, 165, 164) }
```


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

```
.border{ border-color:rgb(173, 165, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3896, 38.4748, 40.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 165, 164) }
```

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

```
.background{ background-color: rgb(173,  
165, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor