

Converting Colors

XYZ(38.4961, 41.4566, 38.4832)

Have a look what the booklet for
XYZ(38.4961, 41.4566, 38.4832)
contains.

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Color

**XYZ(38.5412, 41.6250,
38.3508)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAE9E
RGB	173, 174, 158
RGB Percent	68%, 68%, 62%
CMY	0.3216, 0.3176, 0.3804
CMYK	0.01, 0.00, 0.09, 0.32
HSL	64°, 9%, 65%
HSV	64°, 9%, 68%
XYZ	38.5412, 41.6250, 38.3508
YIQ	171.8770, 4.5400, -5.1880

Conversions

Conversions Part 2

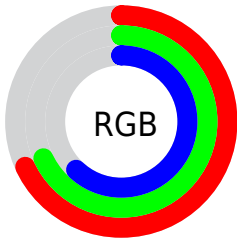
Format	Color
RYB	158, 174, 159
Decimal	11382430
CIELab	70.61, -3.24, 8.09
CIELCh	71, 8.713, 111.852
Yxy	41.6250, 0.3252, 0.3512
Android (android.graphics.Color)	4289572510 (0xFFADAE9E)
YUV	171.8770, -6.8414, 0.9849
Hunter-Lab	64.5174, -6.2738, 9.9187

Details

The XYZ color **38.5412, 41.6250, 38.3508** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1665, 34.8817, 44.9787**, and the grayscale version is **39.1833, 41.2239, 44.8929**.

A 20% lighter version of the original color is **72.0245, 77.3367, 74.0822**, and **17.4985, 19.0456, 16.6638** is the 20% darker color. If you saturate the color by 10%, you get **36.9084, 40.9455, 31.0018**, and if you desaturate by 10%, it is **40.3904, 42.3940, 46.8187**.

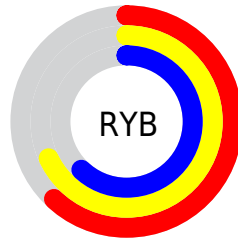
Distribution



Red (68%)

Green (68%)

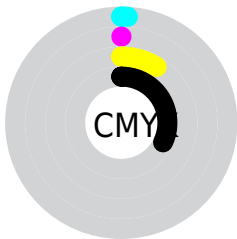
Blue (62%)



Red (62%)

Yellow (68%)

Blue (62%)

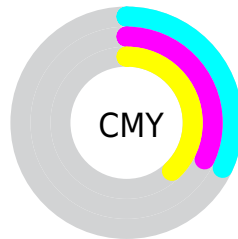


Cyan (1%)

Magenta (0%)

Yellow (9%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5412, 41.6250, 38.3508 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 38.5412, 41.6250, 38.3508 by changing the saturation by 10% instead.

■ 38.5412, 41.6250,
38.3508

■ 38.5412, 41.6250,
38.3508

331.1768,
352.9261, 354.4656

■ 26.5821, 28.8078,
25.9511

■ 72.2355, 77.6318,
73.8549

■ 17.3946, 18.9355,
16.5616

■ 94.7014, 101.5901,
97.7964

■ 10.6133, 11.6236,
9.7638

121.4002,
130.0309, 126.4222

■ 5.8728, 6.4880,
5.1391

152.6974,
163.3386, 160.1509

■ 2.8078, 3.1440,
2.2689

188.9584,
201.8976, 199.4011

■ 1.0530, 1.2074,
0.7137

230.5483,

■ 0.0000, 0.0677,

246.0922, 244.5913

0.0000

277.8327,
296.3069, 296.1399

■ 0.0000, 0.0000,
0.0000

■ 38.5412, 41.6250,
38.3508

■ 38.5412, 41.6250,
38.3508

■ 36.9084, 40.9455,
31.0018

■ 40.3904, 42.3940,
46.8187

■ 35.4797, 40.3464,
24.7224

■ 42.4609, 43.2504,
56.4467

■ 34.2467, 39.8259,
19.4634

■ 44.7617, 44.1992,
67.2773

■ 33.1991, 39.3798,
15.1708

■ 47.3003, 45.2434,
79.3500

■ 32.3259, 39.0037,
11.7858

■ 50.0840, 46.3857,
92.7026

■ 31.6145, 38.6925,
9.2429

■ 51.9043, 47.1430,
100.9716

■ 31.0509, 38.4406,
7.4682

■ 52.1585, 47.2740,
100.9835

■ 30.6186, 38.2415,
6.3747

■ 52.4148, 47.4061,
100.9955

■ 30.2857, 38.0824,
5.7945

■ 52.6730, 47.5393,
101.0076

Harmonies

Analogous

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



39.9572, 41.6250, 37.9142



38.5412, 41.6250, 38.3508



37.4246, 41.6250, 40.5966

Triad

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



38.5412, 41.6250, 38.3508



37.8768, 41.6250, 51.8521



42.3693, 41.6250, 46.4563

Complementary

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



38.5412, 41.6250, 38.3508



34.1665, 34.8817, 44.9787

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.



41.7820, 41.6250, 50.4017



38.5412, 41.6250, 38.3508



39.1720, 41.6250, 53.6381

Square

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



38.5412, 41.6250, 38.3508



37.0476, 41.6250, 48.3400



40.6033, 41.6250, 53.0918



42.1905, 41.6250, 42.4334

Rectangle

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



38.5412, 41.6250, 38.3508



36.9890, 41.6250, 42.8961



40.6033, 41.6250, 53.0918



42.2544, 41.6250, 47.8388

Sweetspot

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



38.5423, 41.6268, 38.3517



71.9207, 76.3391, 78.7527



35.9922, 36.1959, 37.4378



15.9252, 16.9423, 17.2284



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.5423, 41.6268, 38.3517



69.2857, 75.2438, 66.7399



36.8678, 40.7636, 38.2733



8.6123, 9.3043, 8.5554



21.9653, 27.6206, 4.1736



0.6256, 0.7759, 0.1168

Inverse Universe

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



34.1665, 34.8817, 44.9787



59.7543, 60.5516, 81.1751



35.7622, 35.7044, 45.0534



7.6237, 7.7803, 10.0526



5.6594, 2.2774, 29.1858



0.1722, 0.0709, 0.8126

Previews

White Background



This preview shows how the XYZ color 38.5412, 41.6250, 38.3508 looks on a white background.

Color Contrast Check

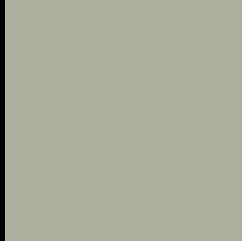
Large Text (above 18pt) WCAG AA × Fail

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 38.5412, 41.6250, 38.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

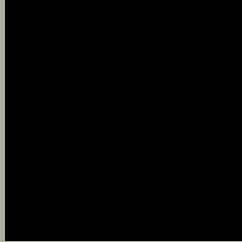
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5412, 41.6250, 38.3508

Background



This preview shows how black text looks on a background with the XYZ color 38.5412, 41.6250, 38.3508.



This preview shows how white text looks on a background with the XYZ color 38.5412, 41.6250,

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

38.5412, 41.6250, 38.3508

Protanopia

39.4287, 41.5231, 37.8349

Deuteranopia

42.3249, 41.6100, 38.6017



Tritanopia

41.1579, 41.5573, 51.1995

Trichromacy



Original Color

38.5412, 41.6250, 38.3508

Protanomaly

39.1608, 41.6686, 37.8771

Deuteranomaly

40.8824, 41.6918, 38.6935

Tritanomaly

40.2053, 41.4511, 46.4393

Monochromacy



Original Color

38.5412, 41.6250, 38.3508

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.9319, 41.4478, 42.5075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5412, 41.6250, 38.3508 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, 174, 158)` looks like.

```
.text, #text, p{  
    color:rgb(173, 174, 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(173, 174, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 174, 158) }
```

Border

The CSS property to change the border of an element to XYZ 38.5412, 41.6250, 38.3508 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, 174, 158) }
```


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

```
.border{ border-color:rgb(173, 174, 158) }
```

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

Here you see how a box with a 4 pixel rgb(173, 174, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 174, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 174, 158);  
box-shadow:4px 4px 4px 4px rgb(173, 174,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5412, 41.6250, 38.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 174, 158) }
```

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

```
.background{ background-color: rgb(173,  
174, 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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