

Converting Colors

XYZ(38.8230, 37.5342, 41.9922)

Have a look what the booklet for
XYZ(38.8230, 37.5342, 41.9922)
contains.

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Color

**XYZ(38.9016, 37.6536,
41.7767)**

Conversions

Conversions Part 1

Format	Color
Hex	B79FA7
RGB	183, 159, 167
RGB Percent	72%, 62%, 65%
CMY	0.2824, 0.3765, 0.3451
CMYK	0.00, 0.13, 0.09, 0.28
HSL	340°, 14%, 67%
HSV	340°, 13%, 72%
XYZ	38.9016, 37.6536, 41.7767
YIQ	167.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

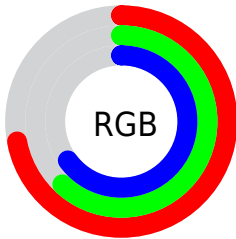
Format	Color
RYB	183, 159, 167
Decimal	12033959
CIELab	67.76, 10.18, -0.91
CIElCh	68, 10.219, 354.901
Yxy	37.6536, 0.3287, 0.3182
Android (android.graphics.Color)	4290224039 (0xFFB79FA7)
YUV	167.0880, -0.0434, 13.9548
Hunter-Lab	61.3625, 5.7780, 2.5881

Details

The XYZ color **38.9016, 37.6536, 41.7767** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9709, 44.3340, 47.0630**, and the grayscale version is **36.7706, 38.6855, 42.1285**.

A 20% lighter version of the original color is **72.8280, 71.7178, 79.1117**, and **17.6630, 16.7088, 18.5138** is the 20% darker color. If you saturate the color by 10%, you get **34.9095, 31.3899, 35.1409**, and if you desaturate by 10%, it is **43.4682, 44.8950, 49.1300**.

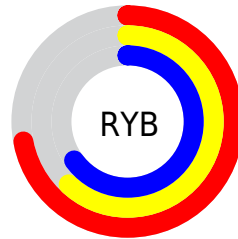
Distribution



Red (72%)

Green (62%)

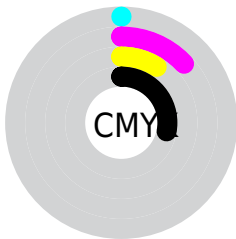
Blue (65%)



Red (72%)

Yellow (62%)

Blue (65%)

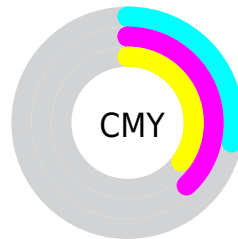


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (28%)



Cyan (28%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9016, 37.6536, 41.7767 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 38.9016, 37.6536, 41.7767 by changing the saturation by 10% instead.

■ 38.9016, 37.6536,
41.7767

■ 38.9016, 37.6536,
41.7767

332.6863,
336.1317, 369.3288

■ 26.8636, 25.7139,
28.6022

■ 72.7830, 71.5769,
79.1280

■ 17.6068, 16.6098,
18.5371

■ 95.3571, 94.3293,
104.1419

■ 10.7661, 9.9567,
11.1629

122.1739,
121.4548, 133.9393

■ 5.9759, 5.3702,
6.0610

153.5988,
153.3377, 168.9389

■ 2.8709, 2.4661,
2.8128

189.9971,
190.3624, 209.5590

■ 1.0859, 0.8596,
0.9999

231.7343,

■ 0.0133, 0.0000,

232.9134, 256.2184

0.0000

279.1755,
281.3750, 309.3354

0.0000, 0.0000,
0.0000

38.9016, 37.6536,
41.7767

38.9016, 37.6536,
41.7767

34.9095, 31.3899,
35.1409

43.4682, 44.8950,
49.1300

31.4654, 26.0569,
29.1981

48.6280, 53.1485,
57.2197

28.5453, 21.6114,
23.9255

54.4030, 62.4531,
66.0668

26.1223, 18.0043,
19.2984

60.8128, 72.8439,
75.6909

24.1670, 15.1823,
15.2903

67.8763, 84.3548,
86.1106

■ 22.6465, 13.0855,
11.8726

■ 71.0482, 87.8912,
95.8231

■ 21.5235, 11.6453,
9.0142

■ 72.9249, 88.6419,
105.7054

■ 20.7537, 10.7797,
6.6802

■ 73.3386, 88.8074,
107.8839

■ 20.3704, 10.4041,
5.3470

Harmonies

Analogous

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



38.3329, 37.6536, 46.2089



38.9016, 37.6536, 41.7767



38.6163, 37.6536, 37.4420

Triad

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



38.9016, 37.6536, 41.7767



34.5243, 37.6536, 33.6002



34.0696, 37.6536, 48.5391

Complementary

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



38.9016, 37.6536, 41.7767



38.9709, 44.3340, 47.0630

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.



33.1024, 37.6536, 44.7731



38.9016, 37.6536, 41.7767



33.3595, 37.6536, 36.1950

Square

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



38.9016, 37.6536, 41.7767



36.0594, 37.6536, 32.9263



32.8463, 37.6536, 40.2298



35.5192, 37.6536, 50.2924

Rectangle

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



38.9016, 37.6536, 41.7767



37.9846, 37.6536, 35.1567



32.8463, 37.6536, 40.2298



33.6790, 37.6536, 47.4537

Sweetspot

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



38.9027, 37.6553, 41.7775



77.0253, 79.0921, 86.6785



38.6259, 37.3310, 49.9699



16.8701, 17.2424, 18.9176



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.9027, 37.6553, 41.7775



67.3108, 63.7180, 70.9396



38.8849, 38.7665, 38.2362



9.1247, 9.0603, 10.0043



14.2395, 7.2696, 3.8821



0.5315, 0.2681, 0.2921

Inverse Universe

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



38.9027, 37.6553, 41.7775



67.3108, 63.7180, 70.9396



38.9667, 43.0311, 51.0522



9.1247, 9.0603, 10.0043



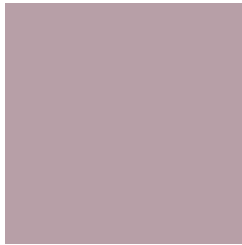
14.2395, 7.2696, 3.8821



0.5315, 0.2681, 0.2921

Previews

White Background



This preview shows how the XYZ color 38.9016, 37.6536, 41.7767 looks on a white background.

Color Contrast Check

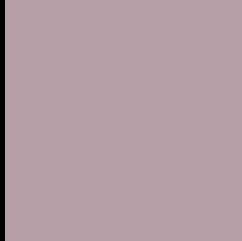
Large Text (above 18pt) WCAG AA × Fail

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 38.9016, 37.6536, 41.7767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

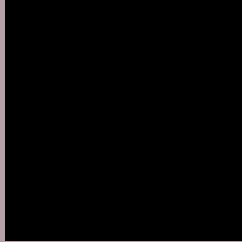
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9016, 37.6536, 41.7767

Background



This preview shows how black text looks on a background with the XYZ color 38.9016, 37.6536, 41.7767.



This preview shows how white text looks on a background with the XYZ color 38.9016, 37.6536,

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

38.9016, 37.6536, 41.7767

Protanopia

36.4675, 37.6687, 43.3789

Deuteranopia

38.3682, 37.6349, 41.8013



Tritanopia

39.3447, 37.5843, 43.7089

Trichromacy



Original Color

38.9016, 37.6536, 41.7767

Protanomaly

37.3153, 37.5895, 42.8249

Deuteranomaly

38.6019, 37.7554, 41.8122

Tritanomaly

39.2497, 37.5463, 43.2087

Monochromacy



Original Color

38.9016, 37.6536, 41.7767

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.4841, 38.2252, 41.9618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9016, 37.6536, 41.7767 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(183, 159, 167)` looks like.

```
.text, #text, p{  
    color:rgb(183, 159, 167)  
}
```

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(183, 159, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 159, 167) }
```

Border

The CSS property to change the border of an element to XYZ 38.9016, 37.6536, 41.7767 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(183, 159, 167) }
```


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

```
.border{ border-color:rgb(183, 159, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 159, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 159, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 159, 167);  
box-shadow:4px 4px 4px 4px rgb(183, 159,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9016, 37.6536, 41.7767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 159, 167) }
```

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

```
.background{ background-color: rgb(183,  
159, 167) }
```

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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