

Converting Colors

XYZ(38.5718, 37.2835, 40.3928)

Have a look what the booklet for
XYZ(38.5718, 37.2835, 40.3928)
contains.

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Color

**XYZ(38.4561, 37.2013,
40.2757)**

Conversions

Conversions Part 1

Format	Color
Hex	B79EA4
RGB	183, 158, 164
RGB Percent	72%, 62%, 64%
CMY	0.2824, 0.3804, 0.3569
CMYK	0.00, 0.14, 0.10, 0.28
HSL	346°, 15%, 67%
HSV	346°, 14%, 72%
XYZ	38.4561, 37.2013, 40.2757
YIQ	166.1590, 12.9740, 7.1660

Conversions

Conversions Part 2

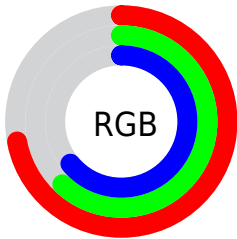
Format	Color
RYB	183, 158, 164
Decimal	12033700
CIELab	67.43, 10.21, 0.27
CIELCh	67, 10.211, 1.532
Yxy	37.2013, 0.3317, 0.3209
Android (android.graphics.Color)	4290223780 (0xFFB79EA4)
YUV	166.1590, -1.0644, 14.7696
Hunter-Lab	60.9929, 5.8070, 3.5438

Details

The XYZ color **38.4561, 37.2013, 40.2757** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9712, 44.3113, 48.0959**, and the grayscale version is **36.3238, 38.2155, 41.6166**.

A 20% lighter version of the original color is **72.1770, 71.0537, 76.9284**, and **17.3882, 16.4311, 17.5843** is the 20% darker color. If you saturate the color by 10%, you get **34.3759, 30.9422, 33.0534**, and if you desaturate by 10%, it is **43.1406, 44.4483, 48.3782**.

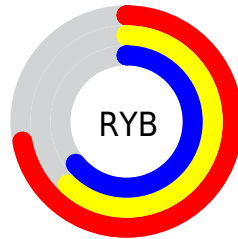
Distribution



Red (72%)

Green (62%)

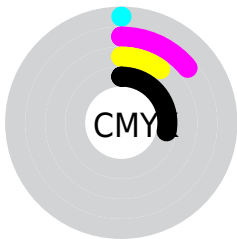
Blue (64%)



Red (72%)

Yellow (62%)

Blue (64%)

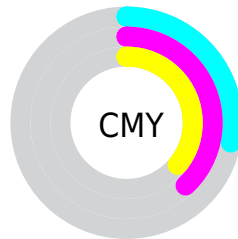


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (28%)



Cyan (28%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4561, 37.2013, 40.2757 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 38.4561, 37.2013, 40.2757 by changing the saturation by 10% instead.


 38.4561, 37.2013,
40.2757


 38.4561, 37.2013,
40.2757

330.8196,
334.1812, 362.8708

 26.5157, 25.3634,
27.4381


 72.1061, 70.8823,
76.8248

 17.3445, 16.3480,
17.6672


 94.5464, 93.4941,
101.3735

 10.5773, 9.7707,
10.5444


121.2173,
120.4661, 130.6629

 5.8485, 5.2472,
5.6511

152.4843,
152.1825, 165.1117

 2.7930, 2.3930,
2.5688

188.7127,
189.0279, 205.1383

 1.0453, 0.8223,
0.8763

230.2678,

 0.0000, 0.0000,

231.3865, 251.1614

0.0000

277.5150,
279.6428, 303.5994

■ 38.4561, 37.2013,
40.2757

■ 38.4561, 37.2013,
40.2757

■ 34.3759, 30.9422,
33.0534

■ 43.1406, 44.4483,
48.3782

■ 30.8721, 25.6233,
26.6790

■ 48.4498, 52.7184,
57.3871

■ 27.9189, 21.2005,
21.1214

■ 54.4067, 62.0510,
67.3304

■ 25.4878, 17.6240,
16.3471

■ 61.0325, 72.4821,
78.2342

■ 23.5471, 14.8393,
12.3196

■ 68.3472, 84.0458,
90.1235

■ 22.0620, 12.7852,
9.0000

■ 72.1481, 88.3312,
101.6150

■ 20.9926, 11.3919,
6.3451

■ 73.3386, 88.8074,
107.8839

■ 20.2916, 10.5753,
4.3066

■ 19.9814, 10.2485,
3.2984

Harmonies

Analogous

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



38.0733, 37.2013, 44.7587



38.4561, 37.2013, 40.2757



37.9888, 37.2013, 36.1598

Triad

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



38.4561, 37.2013, 40.2757



33.8067, 37.2013, 33.5889



33.9423, 37.2013, 48.5725

Complementary

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



38.4561, 37.2013, 40.2757



38.9712, 44.3113, 48.0959

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.



32.8529, 37.2013, 45.1870



38.4561, 37.2013, 40.2757



32.7763, 37.2013, 36.5314

Square

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



38.4561, 37.2013, 40.2757



35.2783, 37.2013, 32.4798



32.4323, 37.2013, 40.7370



35.4393, 37.2013, 49.7559

Rectangle

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



38.4561, 37.2013, 40.2757



37.2658, 37.2013, 34.1201



32.4323, 37.2013, 40.7370



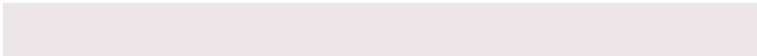
33.5178, 37.2013, 47.6425

Sweetspot

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



38.4571, 37.2029, 40.2765



76.9007, 79.0423, 86.0221



38.8498, 37.1921, 49.9313



16.8377, 17.2295, 18.7470



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.



38.4571, 37.2029, 40.2765



66.8693, 63.5414, 68.6144



39.0214, 39.1779, 37.8552



9.0906, 9.0466, 9.8244



13.9623, 7.1587, 2.4224



0.5171, 0.2623, 0.2166

Inverse Universe

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



38.4571, 37.2029, 40.2765



66.8693, 63.5414, 68.6144



38.3218, 42.0347, 50.8938



9.0906, 9.0466, 9.8244



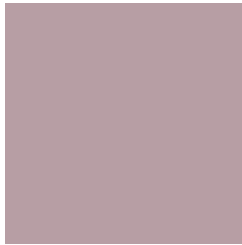
13.9623, 7.1587, 2.4224



0.5171, 0.2623, 0.2166

Previews

White Background



This preview shows how the XYZ color 38.4561, 37.2013, 40.2757 looks on a white background.

Color Contrast Check

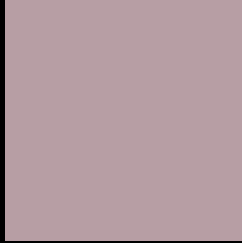
Large Text (above 18pt) WCAG AA × Fail

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 38.4561, 37.2013, 40.2757 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 38.4561, 37.2013, 40.2757

Background



This preview shows how black text looks on a background with the XYZ color 38.4561, 37.2013, 40.2757.



This preview shows how white text looks on a background with the XYZ color 38.4561, 37.2013,

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

38.4561, 37.2013, 40.2757

Protanopia

35.7981, 37.0914, 41.8318

Deuteranopia

37.9214, 37.1799, 40.2997



Tritanopia

38.9856, 37.1689, 42.6557

Trichromacy



Original Color

38.4561, 37.2013, 40.2757

Protanomaly

36.6411, 37.0136, 41.2895

Deuteranomaly

38.1550, 37.3004, 40.3107

Tritanomaly

38.7992, 37.0943, 41.6742

Monochromacy



Original Color

38.4561, 37.2013, 40.2757

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.9020, 37.6817, 40.9257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4561, 37.2013, 40.2757 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, 158, 164)` looks like.

```
.text, #text, p{  
    color:rgb(183, 158, 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(183, 158, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 158, 164) }
```

Border

The CSS property to change the border of an element to XYZ 38.4561, 37.2013, 40.2757 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, 158, 164) }
```


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

```
.border{ border-color:rgb(183, 158, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 158, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 158, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 158, 164);  
box-shadow:4px 4px 4px 4px rgb(183, 158,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4561, 37.2013, 40.2757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 158, 164) }
```

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

```
.background{ background-color: rgb(183,  
158, 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](#).

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