

Converting Colors

XYZ(39.7272, 42.2561, 37.5149)

Have a look what the booklet for
XYZ(39.7272, 42.2561, 37.5149)
contains.

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Color

**XYZ(39.7272, 42.2561,
37.5149)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AE9C
RGB	179, 174, 156
RGB Percent	70%, 68%, 61%
CMY	0.2980, 0.3176, 0.3882
CMYK	0.00, 0.03, 0.13, 0.30
HSL	47°, 13%, 66%
HSV	47°, 13%, 70%
XYZ	39.7272, 42.2561, 37.5149
YIQ	173.4430, 8.7580, -4.5380

Conversions

Conversions Part 2

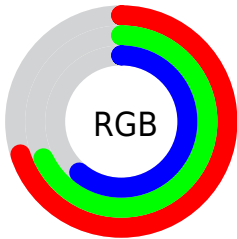
Format	Color
RYB	162, 179, 156
Decimal	11775644
CIELab	71.05, -1.36, 9.87
CIELCh	71, 9.965, 97.858
Yxy	42.2561, 0.3325, 0.3536
Android (android.graphics.Color)	4289965724 (0xFFB3AE9C)
YUV	173.4430, -8.5994, 4.8735
Hunter-Lab	65.0047, -4.6691, 11.2864

Details

The XYZ color **39.7272, 42.2561, 37.5149** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5918, 35.8117, 47.7373**, and the grayscale version is **39.9871, 42.0695, 45.8137**.

A 20% lighter version of the original color is **73.9131, 78.3539, 72.2010**, and **18.1135, 19.3746, 16.1496** is the 20% darker color. If you saturate the color by 10%, you get **37.5818, 40.2147, 29.8647**, and if you desaturate by 10%, it is **42.1200, 44.4341, 46.3507**.

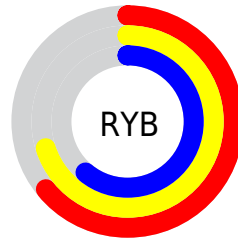
Distribution



Red (70%)

Green (68%)

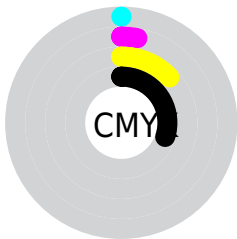
Blue (61%)



Red (64%)

Yellow (70%)

Blue (61%)

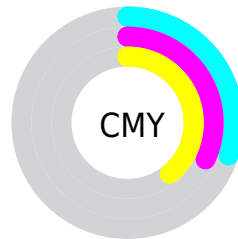


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (32%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7272, 42.2561, 37.5149 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 39.7272, 42.2561, 37.5149 by changing the saturation by 10% instead.


 39.7272, 42.2561,
37.5149


 39.7272, 42.2561,
37.5149


336.1266,
355.5435, 350.7700

 27.5092, 29.3019,
25.3075


 74.0349, 78.5871,
72.5591

 18.0946, 19.3093,
16.0852


 96.8553, 102.7326,
96.2331

 11.1180, 11.8940,
9.4295


123.9405,
131.3774, 124.5663

 6.2141, 6.6715,
4.9217

155.6559,
164.9058, 157.9773

 3.0176, 3.2575,
2.1435

192.3669,
203.7022, 196.8846

 1.1631, 1.2676,
0.6415

234.4388,

 0.0769, 0.1159,

248.1510, 241.7068

0.0000

282.2369,
298.6366, 292.8624

■ 0.0000, 0.0000,
0.0000

■ 39.7272, 42.2561,
37.5149

■ 39.7272, 42.2561,
37.5149

■ 37.5818, 40.2147,
29.8647

■ 42.1200, 44.4341,
46.3507

■ 35.6706, 38.3000,
23.3460

■ 44.7662, 46.7472,
56.4176

■ 33.9839, 36.5093,
17.9047

■ 47.6757, 49.2010,
67.7620

■ 32.5104, 34.8379,
13.4810

■ 50.8569, 51.7990,
80.4270

■ 31.2373, 33.2802,
10.0094

■ 54.3176, 54.5449,
94.4537

■ 30.1507, 31.8304,
7.4166

■ 56.6831, 56.8888,
102.6009

■ 29.2343, 30.4818,
5.6185

■ 57.5795, 58.6816,
102.8997

■ 28.4689, 29.2262,
4.5148

■ 58.4988, 60.5202,
103.2061

■ 27.9856, 28.3738,
4.0017

■ 59.4413, 62.4052,
103.5203

Harmonies

Analogous

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



41.3814, 42.2561, 38.0320



39.7272, 42.2561, 37.5149



38.2310, 42.2561, 39.1464

Triad

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



39.7272, 42.2561, 37.5149



37.6892, 42.2561, 51.8667



43.2008, 42.2561, 49.5511

Complementary

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



39.7272, 42.2561, 37.5149



34.5918, 35.8117, 47.7373

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.



42.1593, 42.2561, 53.6317



39.7272, 42.2561, 37.5149



38.9691, 42.2561, 55.0316

Square

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



39.7272, 42.2561, 37.5149



37.0757, 42.2561, 47.2742



40.6023, 42.2561, 55.6988



43.4174, 42.2561, 44.7680

Rectangle

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



39.7272, 42.2561, 37.5149



37.5140, 42.2561, 41.3041



40.6023, 42.2561, 55.6988



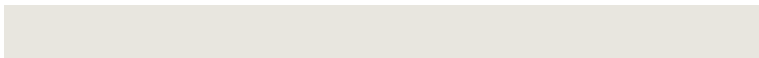
42.9342, 42.2561, 51.0598

Sweetspot

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



39.7283, 42.2580, 37.5158



74.8891, 79.0917, 80.9673



36.9448, 35.9474, 38.8799



16.5181, 17.4568, 17.6637



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.



39.7283, 42.2580, 37.5158



70.1880, 74.7809, 63.7040



39.3254, 43.5100, 37.7787



9.0373, 9.5871, 9.0267



19.8249, 20.1484, 2.8441



0.6628, 0.7120, 0.1025

Inverse Universe

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



34.5918, 35.8117, 47.7373



59.4465, 61.3010, 85.0803



34.9531, 34.7276, 47.5091



8.1867, 8.5196, 10.7193



6.3002, 3.4008, 30.4614



0.2410, 0.1926, 0.9727

Previews

White Background



This preview shows how the XYZ color 39.7272, 42.2561, 37.5149 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 39.7272, 42.2561, 37.5149 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 39.7272, 42.2561, 37.5149

Background



This preview shows how black text looks on a background with the XYZ color 39.7272, 42.2561, 37.5149.



This preview shows how white text looks on a background with the XYZ color 39.7272, 42.2561,

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

39.7272, 42.2561, 37.5149

Protanopia

40.0004, 42.1112, 37.4725

Deuteranopia

43.1144, 42.3099, 37.7925



Tritanopia

42.4504, 42.2356, 50.7147

Trichromacy



Original Color

39.7272, 42.2561, 37.5149

Protanomaly

39.7667, 41.9907, 37.4616

Deuteranomaly

41.6957, 42.1309, 37.8328

Tritanomaly

41.3971, 42.0880, 45.4771

Monochromacy



Original Color

39.7272, 42.2561, 37.5149

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.5978, 41.7911, 42.5387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7272, 42.2561, 37.5149 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(179, 174, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 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(179, 174, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.7272, 42.2561, 37.5149 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(179, 174, 156) }
```


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

```
.border{ border-color:rgb(179, 174, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 174, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 174, 156); box-shadow:4px 4px 4px 4px rgb(179, 174, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7272, 42.2561, 37.5149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 156) }
```

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

```
.background{ background-color: rgb(179,  
174, 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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