

Converting Colors

XYZ(39.7688, 42.2917, 37.1232)

Have a look what the booklet for
XYZ(39.7688, 42.2917, 37.1232)
contains.

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Color

**XYZ(39.6429, 42.2224,
37.0707)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B3AE9B |
| RGB | 179, 174, 155 |
| RGB Percent | 70%, 68%, 61% |
| CMY | 0.2980, 0.3176, 0.3922 |
| CMYK | 0.00, 0.03, 0.13, 0.30 |
| HSL | 48°, 14%, 65% |
| HSV | 48°, 13%, 70% |
| XYZ | 39.6429, 42.2224, 37.0707 |
| YIQ | 173.3290, 9.0790, -4.8490 |

Conversions

Conversions Part 2

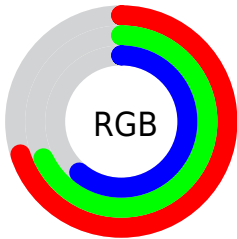
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 161, 179, 155 |
| Decimal | 11775643 |
| CIELab | 71.02, -1.53, 10.39 |
| CIELCh | 71, 10.499, 98.365 |
| Yxy | 42.2224, 0.3333, 0.3550 |
| Android (android.graphics.Color) | 4289965723 (0xFFB3AE9B) |
| YUV | 173.3290, -9.0362, 4.9735 |
| Hunter-Lab | 64.9788, -4.8118, 11.6599 |

Details

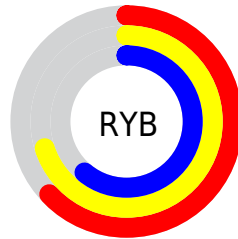
The XYZ color **39.6429, 42.2224, 37.0707** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2250, 35.3642, 47.6704**, and the grayscale version is **39.9308, 42.0104, 45.7493**.

A 20% lighter version of the original color is **73.7889, 78.3042, 71.5467**, and **18.0624, 19.3542, 15.8804** is the 20% darker color. If you saturate the color by 10%, you get **37.5401, 40.2466, 29.4948**, and if you desaturate by 10%, it is **41.9908, 44.3310, 45.8288**.

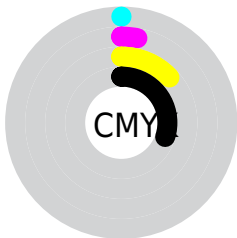
Distribution



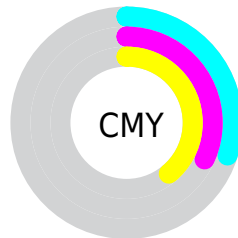
- Red (70%)
- Green (68%)
- Blue (61%)



- Red (63%)
- 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 39.6429, 42.2224, 37.0707 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 39.6429, 42.2224, 37.0707 by changing the saturation by 10% instead.


 39.6429, 42.2224,
37.0707


 39.6429, 42.2224,
37.0707


335.7764,
355.4040, 348.7944

 27.4432, 29.2755,
24.9660


 73.9072, 78.5361,
71.8691

 18.0447, 19.2893,
15.8329


 96.7026, 102.6717,
95.3998

 11.0819, 11.8795,
9.2529


123.7605,
131.3056, 123.5763

 6.1897, 6.6617,
4.8075

155.4464,
164.8222, 156.8172

 3.0025, 3.2514,
2.0780

192.1255,
203.6060, 195.5408

 1.1551, 1.2644,
0.6026

234.1634,

 0.0705, 0.1134,

248.0413, 240.1659

0.0000

281.9252,
298.5125, 291.1109

■ 0.0000, 0.0000,
0.0000

■ 39.6429, 42.2224,
37.0707

■ 39.6429, 42.2224,
37.0707

■ 37.5401, 40.2466,
29.4948

■ 41.9908, 44.3310,
45.8288

■ 35.6692, 38.3939,
23.0470

■ 44.5898, 46.5708,
55.8147

■ 34.0205, 36.6615,
17.6727

■ 47.4498, 48.9475,
67.0751

■ 32.5825, 35.0447,
13.3121

■ 50.5792, 51.4647,
79.6531

■ 31.3426, 33.5379,
9.8990

■ 53.9859, 54.1257,
93.5900

■ 30.2866, 32.1354,
7.3598

■ 56.4627, 56.4480,
102.5274

■ 29.3983, 30.8303,
5.6098

■ 57.3158, 58.1542,
102.8118

■ 28.6581, 29.6147,
4.5472

■ 58.1900, 59.9025,
103.1031

■ 28.2243, 28.8512,
4.0813

■ 59.0853, 61.6932,
103.4016

Harmonies

Analogous

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



41.3864, 42.2224, 37.5730



39.6429, 42.2224, 37.0707



38.0758, 42.2224, 38.8137

Triad

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



39.6429, 42.2224, 37.0707



37.5465, 42.2224, 52.2268



43.3457, 42.2224, 49.6238

Complementary

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



39.6429, 42.2224, 37.0707



34.2250, 35.3642, 47.6704

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.



42.2592, 42.2224, 53.9627



39.6429, 42.2224, 37.0707



38.9015, 42.2224, 55.5400

Square

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



39.6429, 42.2224, 37.0707



36.8887, 42.2224, 47.3913



40.6233, 42.2224, 56.1973



43.5582, 42.2224, 44.5833

Rectangle

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



39.6429, 42.2224, 37.0707



37.3299, 42.2224, 41.0946



40.6233, 42.2224, 56.1973



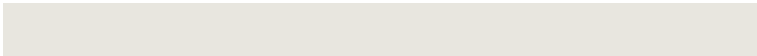
43.0691, 42.2224, 51.2230

Sweetspot

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



39.6440, 42.2243, 37.0716



74.9125, 79.1385, 80.9751



36.6750, 35.5721, 38.2832



16.5243, 17.4690, 17.6657



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.



39.6440, 42.2243, 37.0716



69.8783, 74.5845, 62.2968



39.0942, 43.4006, 37.3276



9.0439, 9.6003, 9.0289



19.9922, 20.4829, 2.8999



0.6669, 0.7202, 0.1039

Inverse Universe

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



34.2250, 35.3642, 47.6704



58.3318, 59.9682, 84.8818



34.7183, 34.3585, 47.4503



8.1806, 8.5074, 10.7173



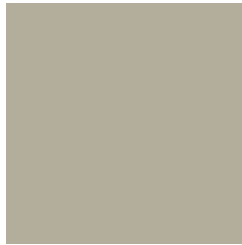
6.2623, 3.3250, 30.4487



0.2385, 0.1876, 0.9719

Previews

White Background



This preview shows how the XYZ color 39.6429, 42.2224, 37.0707 looks on a white background.

Color Contrast Check

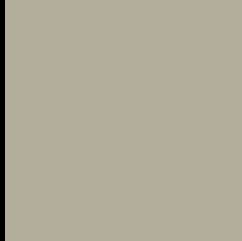
Large Text (above 18pt) WCAG AA × Fail

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 39.6429, 42.2224, 37.0707 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

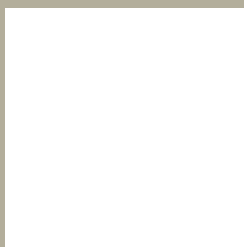
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6429, 42.2224, 37.0707

Background



This preview shows how black text looks on a background with the XYZ color 39.6429, 42.2224, 37.0707.



This preview shows how white text looks on a background with the XYZ color 39.6429, 42.2224,

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

39.6429, 42.2224, 37.0707

Protanopia

39.9160, 42.0775, 37.0283

Deuteranopia

43.0293, 42.2759, 37.3447



Tritanopia

42.4504, 42.2356, 50.7147

Trichromacy



Original Color

39.6429, 42.2224, 37.0707

Protanomaly

39.6824, 41.9570, 37.0174

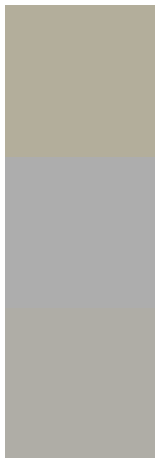
Deuteranomaly

41.6107, 42.0969, 37.3849

Tritanomaly

41.3971, 42.0880, 45.4771

Monochromacy



Original Color

39.6429, 42.2224, 37.0707

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.5057, 41.7543, 42.0536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6429, 42.2224, 37.0707 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 155) }
```

Border

The CSS property to change the border of an element to XYZ 39.6429, 42.2224, 37.0707 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, 155) }
```


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

```
.border{ border-color:rgb(179, 174, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 155);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6429, 42.2224, 37.0707 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, 155) }
```

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

```
.background{ background-color: rgb(179,  
174, 155) }
```

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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