

Converting Colors

XYZ(39.2642, 40.1787, 29.7290)

Have a look what the booklet for
XYZ(39.2642, 40.1787, 29.7290)
contains.

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Color

**XYZ(39.3924, 40.2912,
29.7455)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA78A
RGB	189, 167, 138
RGB Percent	74%, 65%, 54%
CMY	0.2588, 0.3451, 0.4588
CMYK	0.00, 0.12, 0.27, 0.26
HSL	34°, 28%, 64%
HSV	34°, 27%, 74%
XYZ	39.3924, 40.2912, 29.7455
YIQ	170.2720, 22.4210, -4.3550

Conversions

Conversions Part 2

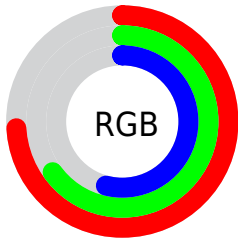
Format	Color
RYB	177, 189, 138
Decimal	12429194
CIELab	69.68, 3.49, 17.95
CIELCh	70, 18.282, 78.987
Yxy	40.2912, 0.3600, 0.3682
Android (android.graphics.Color)	4290619274 (0xFFBDA78A)
YUV	170.2720, -15.9101, 16.4245
Hunter-Lab	63.4753, -0.3059, 16.6486

Details

The XYZ color **39.3924, 40.2912, 29.7455** is a light color, and the websafe version is hex **999966**. A complement of this color would be **32.2370, 34.2180, 53.0499**, and the grayscale version is **38.4141, 40.4146, 44.0115**.

A 20% lighter version of the original color is **73.6417, 75.6412, 60.5880**, and **17.8839, 18.1169, 11.7869** is the 20% darker color. If you saturate the color by 10%, you get **36.6951, 36.8990, 22.6729**, and if you desaturate by 10%, it is **42.4241, 43.9706, 38.1053**.

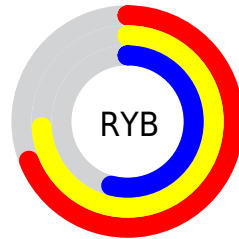
Distribution



Red (74%)

Green (65%)

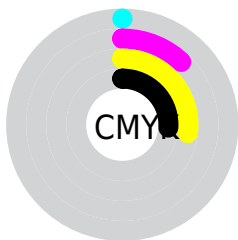
Blue (54%)



Red (69%)

Yellow (74%)

Blue (54%)

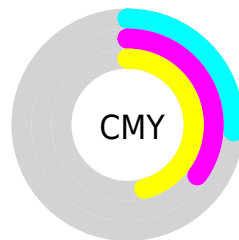


Cyan (0%)

Magenta (12%)

Yellow (27%)

Black (26%)



Cyan (26%)


Magenta (35%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3924, 40.2912, 29.7455 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 39.3924, 40.2912, 29.7455 by changing the saturation by 10% instead.


 39.3924, 40.2912,
29.7455


 39.3924, 40.2912,
29.7455


334.7344,
347.3494, 314.8867


 27.2472, 27.7657,
19.3951


 73.5276, 75.6067,
60.3157

 17.8965, 18.1491,
11.7764


 96.2484, 99.1655,
81.3726

 10.9750, 11.0571,
6.4709


 123.2251,
127.1709, 106.8354

 6.1172, 6.1052,
3.0601

154.8230,
160.0071, 137.1226

 2.9578, 2.9092,
1.1254

191.4075,
198.0587, 172.6528

 1.1315, 1.0845,
0.0000

233.3441,

 0.0512, 0.0000,

241.7100, 213.8445

0.0000

280.9979,
291.3455, 261.1163

■ 0.0000, 0.0000,
0.0000

■ 39.3924, 40.2912,
29.7455

■ 39.3924, 40.2912,
29.7455

■ 36.6951, 36.8990,
22.6729

■ 42.4241, 43.9706,
38.1053

■ 34.3150, 33.7802,
16.8194

■ 45.8002, 47.9396,
47.8107

■ 32.2379, 30.9276,
12.1145

■ 49.5340, 52.2077,
58.9193

■ 30.4472, 28.3318,
8.4792

■ 53.6373, 56.7819,
71.4848

■ 28.9242, 25.9820,
5.8246

■ 58.1211, 61.6694,
85.5580

■ 27.6473, 23.8668,
4.0469

■ 62.9960, 66.8766,
101.1872

■ 26.5875, 21.9712,
3.0033

■ 65.7094, 71.3851,
104.9232

■ 26.2948, 21.4358,
2.7516

■ 67.9539, 75.8740,
105.6713

■ 70.3048, 80.5758,
106.4550

Harmonies

Analogous

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



42.1504, 40.2912, 32.6918



39.3924, 40.2912, 29.7455



36.4748, 40.2912, 30.2002

Triad

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



39.3924, 40.2912, 29.7455



33.1654, 40.2912, 49.3859



42.7494, 40.2912, 55.4509

Complementary

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



39.3924, 40.2912, 29.7455



32.2370, 34.2180, 53.0499

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.



40.1759, 40.2912, 61.1453



39.3924, 40.2912, 29.7455



34.6832, 40.2912, 57.3443

Square

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



39.3924, 40.2912, 29.7455



32.9798, 40.2912, 40.8316



37.2193, 40.2912, 61.8797



44.1540, 40.2912, 47.0561

Rectangle

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



39.3924, 40.2912, 29.7455



34.8277, 40.2912, 32.3883



37.2193, 40.2912, 61.8797



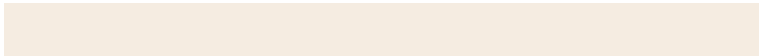
41.9864, 40.2912, 57.7882

Sweetspot

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



39.3935, 40.2930, 29.7463



81.3039, 85.0193, 83.5139



36.4290, 31.5378, 37.4714



17.2814, 18.0469, 17.3701



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.3935, 40.2930, 29.7463



67.8098, 68.7423, 45.9946



42.9379, 48.6194, 31.1667



9.9683, 10.4125, 10.0611



17.7690, 14.5768, 1.8771



0.7598, 0.6986, 0.0948

Inverse Universe

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



32.2370, 34.2180, 53.0499



52.9864, 56.1620, 94.2739



29.3269, 27.5494, 51.9161



9.3458, 9.8839, 12.0874



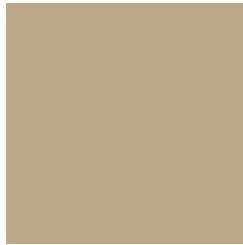
8.2586, 6.6290, 33.2372



0.3885, 0.3898, 1.3236

Previews

White Background



This preview shows how the XYZ color 39.3924, 40.2912, 29.7455 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 39.3924, 40.2912, 29.7455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

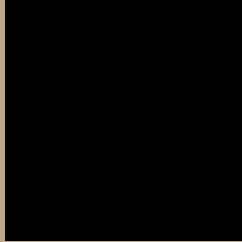
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3924, 40.2912, 29.7455

Background



This preview shows how black text looks on a background with the XYZ color 39.3924, 40.2912, 29.7455.



This preview shows how white text looks on a background with the XYZ color 39.3924, 40.2912,

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

39.3924, 40.2912, 29.7455

Protanopia

37.8573, 40.3168, 30.2127

Deuteranopia

41.2244, 40.4208, 30.0553



Tritanopia

42.6505, 40.2733, 46.0830

Trichromacy



Original Color

39.3924, 40.2912, 29.7455

Protanomaly

38.3766, 40.3073, 30.1835

Deuteranomaly

40.6210, 40.3764, 30.0786

Tritanomaly

41.5353, 40.3660, 39.7847

Monochromacy



Original Color

39.3924, 40.2912, 29.7455

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4910, 40.1917, 38.0768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3924, 40.2912, 29.7455 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(189, 167, 138)` looks like.

```
.text, #text, p{  
    color:rgb(189, 167, 138)  
}
```

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(189, 167, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 167, 138) }
```

Border

The CSS property to change the border of an element to XYZ 39.3924, 40.2912, 29.7455 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(189, 167, 138) }
```


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

```
.border{ border-color:rgb(189, 167, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 167, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 167, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 167, 138);  
box-shadow:4px 4px 4px 4px rgb(189, 167,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3924, 40.2912, 29.7455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 167, 138) }
```

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

```
.background{ background-color: rgb(189,  
167, 138) }
```

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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