

Converting Colors

XYZ(42.3819, 42.2355, 42.8179)

Have a look what the booklet for
XYZ(42.3819, 42.2355, 42.8179)
contains.

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Color

**XYZ(42.4289, 42.3954,
42.9927)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAAA8
RGB	189, 170, 168
RGB Percent	74%, 67%, 66%
CMY	0.2588, 0.3333, 0.3412
CMYK	0.00, 0.10, 0.11, 0.26
HSL	6°, 14%, 70%
HSV	6°, 11%, 74%
XYZ	42.4289, 42.3954, 42.9927
YIQ	175.4530, 11.9660, 3.4060

Conversions

Conversions Part 2

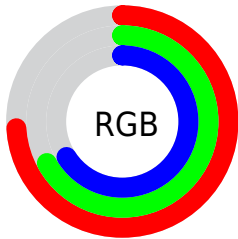
Format	Color
RYB	189, 170, 168
Decimal	12429992
CIELab	71.14, 6.52, 3.52
CIELCh	71, 7.405, 28.379
Yxy	42.3954, 0.3320, 0.3317
Android (android.graphics.Color)	4290620072 (0xFFBDAAA8)
YUV	175.4530, -3.6743, 11.8807
Hunter-Lab	65.1118, 2.3707, 6.4296

Details

The XYZ color **42.4289, 42.3954, 42.9927** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1040, 47.5388, 55.0488**, and the grayscale version is **40.9974, 43.1325, 46.9712**.

A 20% lighter version of the original color is **77.9007, 78.5906, 80.8757**, and **19.7842, 19.4521, 19.2349** is the 20% darker color. If you saturate the color by 10%, you get **37.7955, 35.7442, 33.3834**, and if you desaturate by 10%, it is **47.7375, 49.9864, 54.0907**.

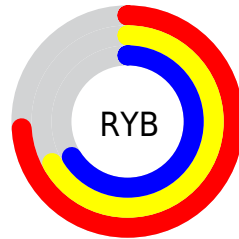
Distribution



Red (74%)

Green (67%)

Blue (66%)



Red (74%)

Yellow (67%)

Blue (66%)

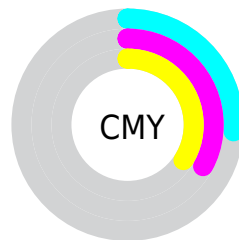


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4289, 42.3954, 42.9927 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 42.4289, 42.3954, 42.9927 by changing the saturation by 10% instead.


 42.4289, 42.3954,
42.9927


 42.4289, 42.3954,
42.9927

347.2193,
356.1194, 374.5021

 29.6299, 29.4110,
29.5480


 78.1094, 78.7977,
80.9861

 19.7045, 19.3920,
19.2466


 101.7216,
102.9844, 106.3719

 12.2874, 11.9538,
11.6700


129.6689,
131.6740, 136.5751

 7.0133, 6.7123,
6.3996

162.3167,
165.2509, 172.0144

 3.5168, 3.2828,
3.0169

200.0302,
204.0995, 213.1081

 1.4326, 1.2811,
1.1033

243.1749,

 0.2793, 0.1265,

248.6042, 260.2750

0.0000

292.1162,
299.1494, 313.9335

■ 0.0000, 0.0000,
0.0000

■ 42.4289, 42.3954,
42.9927

■ 42.4289, 42.3954,
42.9927

■ 37.7955, 35.7442,
33.3834

■ 47.7375, 49.9864,
54.0907

■ 33.8067, 29.9909,
25.1970

■ 53.7431, 58.5459,
66.7341

■ 30.4351, 25.0987,
18.3664

■ 60.4711, 68.1083,
80.9800

■ 27.6495, 21.0261,
12.8185

■ 67.9444, 78.7047,
96.8817

■ 25.4165, 17.7281,
8.4730

■ 74.7965, 89.5589,
107.9522

■ 23.6989, 15.1556,
5.2407

■ 22.4549, 13.2535,
3.0199

■ 21.6363, 11.9591,
1.6902

■ 21.2033, 11.2525,
1.0544

Harmonies

Analogous

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



42.7250, 42.3954, 46.3547



42.4289, 42.3954, 42.9927



41.5580, 42.3954, 40.5899

Triad

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



42.4289, 42.3954, 42.9927



38.3001, 42.3954, 42.6746



40.2282, 42.3954, 53.3255

Complementary

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



42.4289, 42.3954, 42.9927



43.1040, 47.5388, 55.0488

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.



39.0589, 42.3954, 52.2207



42.4289, 42.3954, 42.9927



37.9600, 42.3954, 45.9686

Square

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



42.4289, 42.3954, 42.9927



39.1734, 42.3954, 40.4130



38.2349, 42.3954, 49.4821



41.4389, 42.3954, 52.4305

Rectangle

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



42.4289, 42.3954, 42.9927



40.7775, 42.3954, 39.7936



38.2349, 42.3954, 49.4821



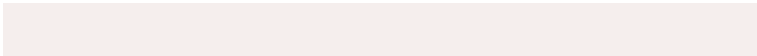
39.8174, 42.3954, 53.1747

Sweetspot

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



42.4301, 42.3973, 42.9936



83.5594, 86.7579, 92.8124



43.9859, 42.4233, 53.0249



17.7984, 18.4131, 19.6014



90.7827, 95.5105, 104.0109



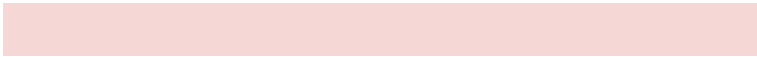
18.6292, 19.5994, 21.3438

Same Dimension

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



42.4301, 42.3973, 42.9936



74.1525, 73.2972, 73.1743



44.4265, 46.3901, 43.6591



9.6014, 9.6788, 9.9388



14.2922, 7.6232, 0.7181



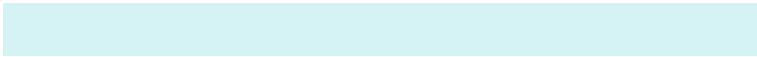
0.5848, 0.3485, 0.0364

Inverse Universe

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



43.1040, 47.5388, 55.0488



75.5665, 84.0869, 98.4738



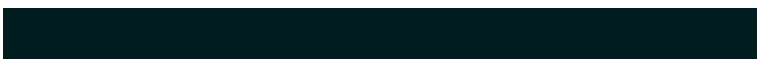
41.0072, 43.3452, 54.3498



9.7287, 10.6497, 12.2150



16.0054, 22.1226, 35.8194



0.6498, 0.9123, 1.4107

Previews

White Background



This preview shows how the XYZ color 42.4289, 42.3954, 42.9927 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 42.4289, 42.3954, 42.9927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

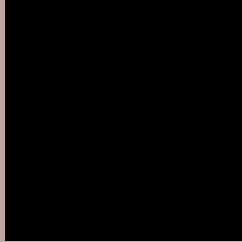
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4289, 42.3954, 42.9927

Background



This preview shows how black text looks on a background with the XYZ color 42.4289, 42.3954, 42.9927.



This preview shows how white text looks on a background with the XYZ color 42.4289, 42.3954,

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

42.4289, 42.3954, 42.9927

Protanopia

40.5594, 42.2544, 44.0484

Deuteranopia

43.0628, 42.1699, 42.9157



Tritanopia

43.8290, 42.4178, 49.5935

Trichromacy



Original Color

42.4289, 42.3954, 42.9927

Protanomaly

41.2054, 42.3147, 43.5319

Deuteranomaly

42.9941, 42.4096, 42.9656

Tritanomaly

43.2596, 42.4577, 46.9894

Monochromacy



Original Color

42.4289, 42.3954, 42.9927

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2124, 42.5690, 45.0742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4289, 42.3954, 42.9927 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, 170, 168)` looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 168)  
}
```

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, 170, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 168) }
```

Border

The CSS property to change the border of an element to XYZ 42.4289, 42.3954, 42.9927 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, 170, 168) }
```


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

```
.border{ border-color:rgb(189, 170, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 170, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 170, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 170, 168); box-shadow:4px 4px 4px 4px rgb(189, 170, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4289, 42.3954, 42.9927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 170, 168) }
```

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

```
.background{ background-color: rgb(189,  
170, 168) }
```

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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