

Converting Colors

XYZ(33.2664, 32.9671, 42.1465)

Have a look what the booklet for
XYZ(33.2664, 32.9671, 42.1465)
contains.

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Color

**XYZ(33.2900, 33.0024,
42.1517)**

Conversions

Conversions Part 1

Format	Color
Hex	A298A9
RGB	162, 152, 169
RGB Percent	64%, 60%, 66%
CMY	0.3647, 0.4039, 0.3373
CMYK	0.04, 0.10, 0.00, 0.34
HSL	275°, 9%, 63%
HSV	275°, 10%, 66%
XYZ	33.2900, 33.0024, 42.1517
YIQ	156.9280, 0.5030, 7.4070

Conversions

Conversions Part 2

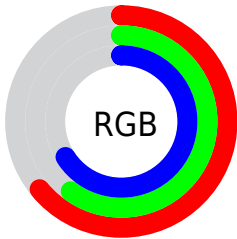
Format	Color
RYB	162, 152, 169
Decimal	10655913
CIELab	64.16, 6.92, -7.55
CIELCh	64, 10.242, 312.495
Yxy	33.0024, 0.3070, 0.3043
Android (android.graphics.Color)	4288845993 (0xFFA298A9)
YUV	156.9280, 5.9515, 4.4481
Hunter-Lab	57.4477, 2.9043, -3.2901

Details

The XYZ color **33.2900, 33.0024, 42.1517** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1547, 38.0147, 35.2448**, and the grayscale version is **31.9902, 33.6562, 36.6516**.

A 20% lighter version of the original color is **64.1411, 64.2761, 79.5469**, and **14.2950, 13.9067, 18.7605** is the 20% darker color. If you saturate the color by 10%, you get **29.3656, 27.1942, 41.2379**, and if you desaturate by 10%, it is **37.6854, 39.6354, 43.2008**.

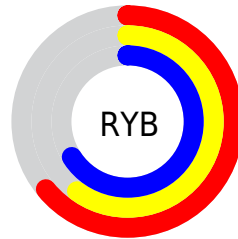
Distribution



Red (64%)

Green (60%)

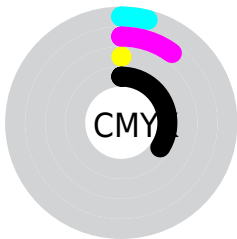
Blue (66%)



Red (64%)

Yellow (60%)

Blue (66%)

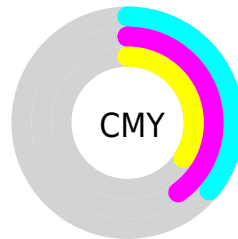


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (34%)



Cyan (36%)

Magenta (40%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2900, 33.0024, 42.1517 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 33.2900, 33.0024, 42.1517 by changing the saturation by 10% instead.

■ 33.2900, 33.0024,
42.1517

■ 33.2900, 33.0024,
42.1517

308.5964,
315.6605, 370.9296

■ 22.5090, 22.1283,
28.8936

■ 64.1797, 64.3793,
79.7017

■ 14.3501, 13.9512,
18.7555

■ 85.0191, 85.6508,
104.8308

■ 8.4479, 8.0867,
11.3187

109.9420,
111.1570, 134.7539

■ 4.4370, 4.1505,
6.1648

139.3137,
141.2821, 169.8897

■ 1.9522, 1.7581,
2.8751

173.4997,
176.4107, 210.6566

■ 0.6069, 0.4609,
1.0312

212.8652,

■ 0.0000, 0.0000,

216.9270, 257.4732

0.0000

257.7757,
263.2155, 310.7580

■ 33.2900, 33.0024,
42.1517

■ 33.2900, 33.0024,
42.1517

■ 29.3656, 27.1942,
41.2379

■ 37.6854, 39.6354,
43.2008

■ 25.8916, 22.1731,
40.4519

■ 42.5657, 47.1207,
44.3884

■ 22.8502, 17.9045,
39.7883

■ 47.9475, 55.4894,
45.7201

■ 20.2209, 14.3498,
39.2407

■ 53.8461, 64.7699,
47.2005

■ 17.9816, 11.4667,
38.8022

■ 60.2757, 74.9895,
48.8342

16.1078, 9.2083,
38.4651

67.2502, 86.1740,
50.6254

14.5719, 7.5214,
38.2204

69.7047, 88.1919,
50.8856

13.3416, 6.3436,
38.0579

71.7385, 89.2403,
50.9808

12.3517, 5.5402,
37.9550

73.8597, 90.3338,
51.0800

Harmonies

Analogous

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



31.9751, 33.0024, 44.3109



33.2900, 33.0024, 42.1517



34.1038, 33.0024, 38.3907

Triad

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



33.2900, 33.0024, 42.1517



32.2143, 33.0024, 28.8414



28.7226, 33.0024, 37.6902

Complementary

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



33.2900, 33.0024, 42.1517



34.1547, 38.0147, 35.2448

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.



28.7822, 33.0024, 33.5844



33.2900, 33.0024, 42.1517



30.7682, 33.0024, 28.6856

Square

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



33.2900, 33.0024, 42.1517



33.4697, 33.0024, 30.8033



29.5210, 33.0024, 30.3599



29.3558, 33.0024, 41.6049

Rectangle

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



33.2900, 33.0024, 42.1517



34.2377, 33.0024, 35.5874



29.5210, 33.0024, 30.3599



28.6629, 33.0024, 36.2829

Sweetspot

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



33.2910, 33.0038, 42.1524



65.0436, 67.2676, 76.7809



32.5240, 34.3662, 42.4558



14.0393, 14.4536, 16.7020



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.2910, 33.0038, 42.1524



58.0350, 56.7403, 75.1183



34.6205, 33.7045, 41.5242



7.5387, 7.5103, 9.4706



9.2674, 4.1609, 28.2902



0.2815, 0.1301, 0.6909

Inverse Universe

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



33.8495, 33.3961, 37.4644



59.2478, 57.5905, 65.0076



32.9223, 37.3659, 35.7964



7.6544, 7.5916, 8.4973



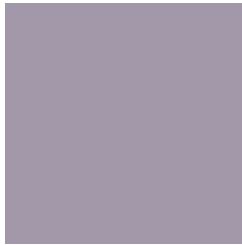
13.0344, 6.6225, 4.9928



0.3427, 0.1714, 0.2562

Previews

White Background



This preview shows how the XYZ color 33.2900, 33.0024, 42.1517 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 33.2900, 33.0024, 42.1517 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 33.2900, 33.0024, 42.1517

Background



This preview shows how black text looks on a background with the XYZ color 33.2900, 33.0024, 42.1517.



This preview shows how white text looks on a background with the XYZ color 33.2900, 33.0024,

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

33.2900, 33.0024, 42.1517

Protanopia

32.2327, 32.9215, 43.1837

Deuteranopia

33.5379, 32.8903, 42.1169



Tritanopia

32.8807, 33.0761, 40.2486

Trichromacy



Original Color

33.2900, 33.0024, 42.1517

Protanomaly

32.5516, 32.8528, 42.6558

Deuteranomaly

33.3323, 32.7843, 42.1073

Tritanomaly

32.9721, 33.1127, 40.7300

Monochromacy



Original Color

33.2900, 33.0024, 42.1517

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.4524, 33.3868, 38.4521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2900, 33.0024, 42.1517 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(162, 152, 169)` looks like.

```
.text, #text, p{  
    color:rgb(162, 152, 169)  
}
```

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(162, 152, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 152, 169) }
```

Border

The CSS property to change the border of an element to XYZ 33.2900, 33.0024, 42.1517 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(162, 152, 169) }
```


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

```
.border{ border-color:rgb(162, 152, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 152, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 152, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 152, 169);  
box-shadow:4px 4px 4px 4px rgb(162, 152,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2900, 33.0024, 42.1517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 152, 169) }
```

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

```
.background{ background-color: rgb(162,  
152, 169) }
```

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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