

Converting Colors

XYZ(33.1256, 28.4065, 43.4744)

Have a look what the booklet for
XYZ(33.1256, 28.4065, 43.4744)
contains.

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Color

**XYZ(33.0277, 28.4039,
43.2769)**

Conversions

Conversions Part 1

Format	Color
Hex	AD84AD
RGB	173, 132, 173
RGB Percent	68%, 52%, 68%
CMY	0.3216, 0.4823, 0.3216
CMYK	0.00, 0.24, 0.00, 0.32
HSL	300°, 20%, 60%
HSV	300°, 24%, 68%
XYZ	33.0277, 28.4039, 43.2769
YIQ	148.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

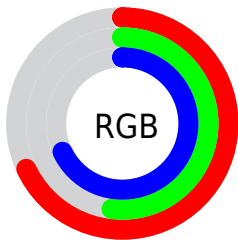
Format	Color
R _Y B	173, 132, 173
Decimal	11371693
CIE Lab	60.25, 22.85, -15.58
CIE LCh	60, 27.655, 325.710
Yxy	28.4039, 0.3154, 0.2713
Android (android.graphics.Color)	4289561773 (0xFFAD84AD)
YUV	148.9330, 11.8650, 21.1068
Hunter-Lab	53.2953, 17.3517, -10.8380

Details

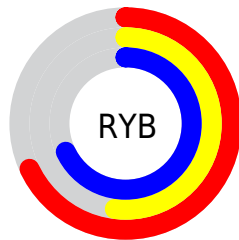
The XYZ color **33.0277, 28.4039, 43.2769** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **28.6253, 36.4596, 27.3601**, and the grayscale version is **28.4880, 29.9716, 32.6391**.

A 20% lighter version of the original color is **63.6657, 56.9574, 81.0371**, and **14.2142, 11.4081, 19.5420** is the 20% darker color. If you saturate the color by 10%, you get **30.8738, 24.0956, 42.5591**, and if you desaturate by 10%, it is **35.5724, 33.4928, 44.1256**.

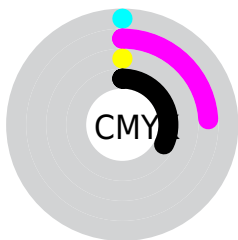
Distribution



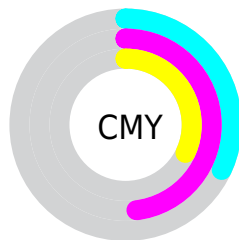
- Red (68%)
- Green (52%)
- Blue (68%)



- Red (68%)
- Yellow (52%)
- Blue (68%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (32%)



- Cyan (32%)
- Magenta (48%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0277, 28.4039, 43.2769 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 33.0277, 28.4039, 43.2769 by changing the saturation by 10% instead.

■ 33.0277, 28.4039,
43.2769

■ 33.0277, 28.4039,
43.2769

307.4373,
294.3919, 375.7039

■ 22.3070, 18.6303,
29.7694

■ 63.7732, 57.1286,
81.4194

■ 14.2005, 11.4035,
19.4131

■ 84.5286, 76.8486,
106.8915

■ 8.3429, 6.3389,
11.7893

■ 109.3597,
100.6529, 137.1888

■ 4.3688, 3.0522,
6.4796

138.6319,
128.9258, 172.7300

■ 1.9128, 1.1591,
3.0654

172.7103,
162.0517, 213.9336

■ 0.5843, 0.0279,
1.1281

211.9605,

■ 0.0000, 0.0000,

200.4152, 261.2181

0.0000

256.7477,
244.4004, 315.0020

■ 33.0277, 28.4039,
43.2769

■ 33.0277, 28.4039,
43.2769

■ 30.8738, 24.0956,
42.5591

■ 35.5724, 33.4928,
44.1256

■ 29.0888, 20.5257,
41.9640

■ 38.5231, 39.3942,
45.1093

■ 27.6530, 17.6540,
41.4853

■ 41.8975, 46.1428,
46.2341

■ 26.5433, 15.4348,
41.1153

■ 45.7112, 53.7703,
47.5055

■ 25.7344, 13.8169,
40.8455

■ 49.9793, 62.3065,
48.9283

■ 25.1967, 12.7417,
40.6662

■ 54.7162, 71.7801,
50.5074

■ 24.8952, 12.1386,
40.5656

■ 59.9353, 82.2184,
52.2472

■ 24.7766, 11.9015,
40.5260

■ 60.5370, 83.4216,
52.4479

■ 60.5370, 83.4216,
52.4480

Harmonies

Analogous

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



30.0625, 28.4039, 52.0548



33.0277, 28.4039, 43.2769



34.3787, 28.4039, 32.4102

Triad

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



33.0277, 28.4039, 43.2769



27.5101, 28.4039, 15.2621



21.3108, 28.4039, 40.1896

Complementary

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



33.0277, 28.4039, 43.2769



28.6253, 36.4596, 27.3601

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.



20.7558, 28.4039, 29.4898



33.0277, 28.4039, 43.2769



24.1474, 28.4039, 16.4647

Square

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



33.0277, 28.4039, 43.2769



31.0212, 28.4039, 17.4425



21.7492, 28.4039, 21.1832



23.3369, 28.4039, 50.0161

Rectangle

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



33.0277, 28.4039, 43.2769



34.1028, 28.4039, 25.9379



21.7492, 28.4039, 21.1832



20.9540, 28.4039, 36.5181

Sweetspot

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



33.0286, 28.4051, 43.2775



67.0984, 66.7648, 80.1560



25.3111, 24.4266, 42.9166



14.5159, 14.3773, 17.3977



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.0286, 28.4051, 43.2775



57.2177, 47.0035, 76.8620



31.1944, 27.6715, 33.6191



8.3371, 8.1481, 10.0860



18.2018, 8.7433, 29.7719



0.5064, 0.2432, 0.8282

Inverse Universe

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



33.0286, 28.4051, 43.2775



57.2177, 47.0035, 76.8620



30.1689, 37.0770, 35.4886



8.3371, 8.1481, 10.0860



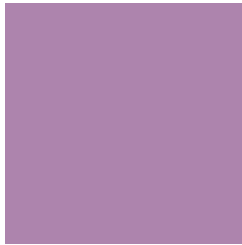
18.2018, 8.7433, 29.7719



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 33.0277, 28.4039, 43.2769 looks on a white background.

Color Contrast Check

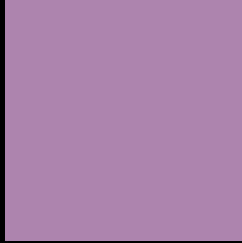
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0277, 28.4039, 43.2769 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 × Fail

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

XYZ 33.0277, 28.4039, 43.2769

Background



This preview shows how black text looks on a background with the XYZ color 33.0277, 28.4039, 43.2769.



This preview shows how white text looks on a background with the XYZ color 33.0277, 28.4039,

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

33.0277, 28.4039, 43.2769

Protanopia

28.6303, 28.6011, 47.7276

Deuteranopia

29.0563, 28.4893, 42.4956



Tritanopia

30.5743, 28.4329, 31.4804

Trichromacy



Original Color

33.0277, 28.4039, 43.2769

Protanomaly

29.9916, 28.4545, 46.0310

Deuteranomaly

30.2452, 28.2234, 42.8833

Tritanomaly

31.2423, 28.2743, 35.2633

Monochromacy



Original Color

33.0277, 28.4039, 43.2769

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.0946, 29.3826, 36.4330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0277, 28.4039, 43.2769 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(173, 132, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 132, 173)  
}
```

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(173, 132, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 132, 173) }
```

Border

The CSS property to change the border of an element to XYZ 33.0277, 28.4039, 43.2769 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(173, 132, 173) }
```


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

```
.border{ border-color:rgb(173, 132, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 132, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 132, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 132, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 132,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0277, 28.4039, 43.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 132, 173) }
```

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

```
.background{ background-color: rgb(173,  
132, 173) }
```

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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