

Converting Colors

XYZ(33.0768, 29.9450, 38.4141)

Have a look what the booklet for
XYZ(33.0768, 29.9450, 38.4141)
contains.

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Color

**XYZ(32.9878, 29.9581,
38.2263)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8BA2
RGB	173, 139, 162
RGB Percent	68%, 55%, 64%
CMY	0.3216, 0.4549, 0.3647
CMYK	0.00, 0.20, 0.06, 0.32
HSL	319°, 17%, 61%
HSV	319°, 20%, 68%
XYZ	32.9878, 29.9581, 38.2263
YIQ	151.7880, 12.8810, 14.3610

Conversions

Conversions Part 2

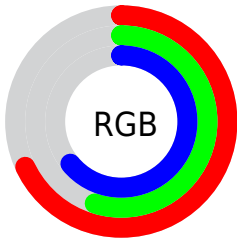
Format	Color
RYB	173, 139, 162
Decimal	11373474
CIELab	61.62, 16.82, -7.27
CIELCh	62, 18.320, 336.633
Yxy	29.9581, 0.3261, 0.2961
Android (android.graphics.Color)	4289563554 (0xFFAD8BA2)
YUV	151.7880, 5.0345, 18.6029
Hunter-Lab	54.7340, 11.7962, -3.0944

Details

The XYZ color **32.9878, 29.9581, 38.2263** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.0972, 37.5790, 34.4703**, and the grayscale version is **29.7295, 31.2777, 34.0614**.

A 20% lighter version of the original color is **63.9074, 59.8077, 73.8214**, and **14.1326, 12.2636, 16.3741** is the 20% darker color. If you saturate the color by 10%, you get **30.1920, 25.1448, 34.8940**, and if you desaturate by 10%, it is **36.2039, 35.5757, 41.8087**.

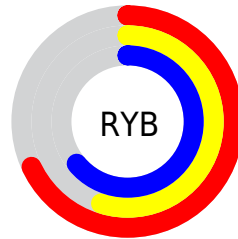
Distribution



Red (68%)

Green (55%)

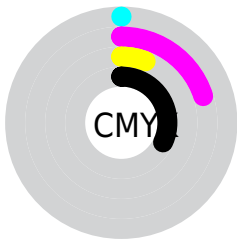
Blue (64%)



Red (68%)

Yellow (55%)

Blue (64%)

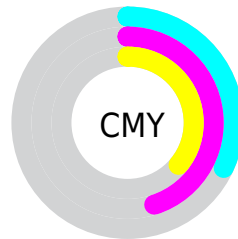


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (32%)



Cyan (32%)


Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9878, 29.9581, 38.2263 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 32.9878, 29.9581, 38.2263 by changing the saturation by 10% instead.


 32.9878, 29.9581,
38.2263


 32.9878, 29.9581,
38.2263


307.2607,
301.7091, 353.9170


 22.2763, 19.8068,
25.8552


 63.7113, 59.5959,
73.6621

 14.1778, 12.2547,
16.4905


 84.4540, 79.8512,
97.5639

 8.3270, 6.9174,
9.7138


 109.2711,
104.2433, 126.1464

 4.3584, 3.4105,
5.1065

138.5280,
133.1565, 159.8280

 1.9068, 1.3496,
2.2501

172.5901,
166.9753, 199.0273

 0.5808, 0.1791,
0.7030

211.8226,

 0.0000, 0.0000,

206.0841, 244.1629

0.0000

256.5911,
250.8672, 295.6533

■ 32.9878, 29.9581,
38.2263

■ 32.9878, 29.9581,
38.2263

■ 30.1920, 25.1448,
34.8940

■ 36.2039, 35.5757,
41.8087

■ 27.7950, 21.0945,
31.8022

■ 39.8553, 42.0285,
45.6465

■ 25.7773, 17.7683,
28.9433

■ 43.9596, 49.3506,
49.7472

■ 24.1167, 15.1221,
26.3085

■ 48.5324, 57.5730,
54.1176

■ 22.7884, 13.1071,
23.8879

■ 53.5887, 66.7252,
58.7637

■ 21.7645, 11.6679,
21.6708

■ 59.1427, 76.8354,
63.6917

■ 21.0123, 10.7393,
19.6446

■ 63.5581, 84.6301,
68.3573

■ 20.4642, 10.1870,
17.7853

■ 64.2296, 84.8987,
71.8935

■ 20.4462, 10.1693,
17.7226

■ 64.9254, 85.1770,
75.5574

Harmonies

Analogous

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



31.3576, 29.9581, 44.5939



32.9878, 29.9581, 38.2263



33.3780, 29.9581, 31.0962

Triad

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



32.9878, 29.9581, 38.2263



27.9374, 29.9581, 21.0399



24.8831, 29.9581, 41.2836

Complementary

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



32.9878, 29.9581, 38.2263



31.0972, 37.5790, 34.4703

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.



24.0760, 29.9581, 34.1913



32.9878, 29.9581, 38.2263



25.7733, 29.9581, 23.0067

Square

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



32.9878, 29.9581, 38.2263



30.3701, 29.9581, 21.8022



24.3925, 29.9581, 27.5892



26.6590, 29.9581, 46.5273

Rectangle

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



32.9878, 29.9581, 38.2263



32.8637, 29.9581, 26.9749



24.3925, 29.9581, 27.5892



24.4942, 29.9581, 39.0007

Sweetspot

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



32.9887, 29.9594, 38.2269



67.0670, 67.6376, 77.2610



29.3115, 27.9458, 43.3849



14.4887, 14.5467, 16.6988



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.



32.9887, 29.9594, 38.2269



56.6009, 49.3689, 65.5611



31.5961, 29.4024, 30.8938



8.2252, 8.1033, 9.4965



15.0476, 7.4816, 13.1618



0.4422, 0.2176, 0.4905

Inverse Universe

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



32.9887, 29.9594, 38.2269



56.6009, 49.3689, 65.5611



32.5455, 38.1583, 42.0969



8.2252, 8.1033, 9.4965



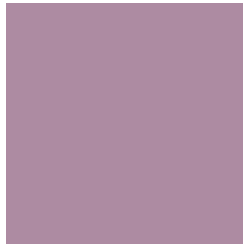
15.0476, 7.4816, 13.1618



0.4422, 0.2176, 0.4905

Previews

White Background



This preview shows how the XYZ color 32.9878, 29.9581, 38.2263 looks on a white background.

Color Contrast Check

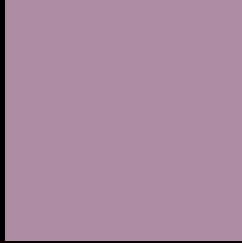
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9878, 29.9581, 38.2263 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 32.9878, 29.9581, 38.2263

Background



This preview shows how black text looks on a background with the XYZ color 32.9878, 29.9581, 38.2263.



This preview shows how white text looks on a background with the XYZ color 32.9878, 29.9581,

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

32.9878, 29.9581, 38.2263

Protanopia

29.5118, 30.1180, 41.3037

Deuteranopia

30.6590, 30.0931, 37.9109



Tritanopia

32.2056, 30.0874, 33.8158

Trichromacy



Original Color

32.9878, 29.9581, 38.2263

Protanomaly

30.7186, 30.0719, 40.2618

Deuteranomaly

31.3597, 30.0047, 37.8569

Tritanomaly

32.3921, 29.9271, 35.5218

Monochromacy



Original Color

32.9878, 29.9581, 38.2263

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.9317, 30.7413, 35.7559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9878, 29.9581, 38.2263 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, 139, 162)` looks like.

```
.text, #text, p{  
    color:rgb(173, 139, 162)  
}
```

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, 139, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 139, 162) }
```

Border

The CSS property to change the border of an element to XYZ 32.9878, 29.9581, 38.2263 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, 139, 162) }
```


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

```
.border{ border-color:rgb(173, 139, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 139, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 139, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 139, 162);  
box-shadow:4px 4px 4px 4px rgb(173, 139,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9878, 29.9581, 38.2263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 139, 162) }
```

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

```
.background{ background-color: rgb(173,  
139, 162) }
```

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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