

Converting Colors

XYZ(34.8346, 29.3002, 52.2463)

Have a look what the booklet for
XYZ(34.8346, 29.3002, 52.2463)
contains.

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Color

**XYZ(34.8064, 29.3334,
51.9715)**

Conversions

Conversions Part 1

Format	Color
Hex	AD85BD
RGB	173, 133, 189
RGB Percent	68%, 52%, 74%
CMY	0.3216, 0.4784, 0.2588
CMYK	0.08, 0.30, 0.00, 0.26
HSL	283°, 30%, 63%
HSV	283°, 30%, 74%
XYZ	34.8064, 29.3334, 51.9715
YIQ	151.3440, 5.8640, 25.8960

Conversions

Conversions Part 2

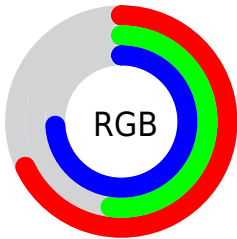
Format	Color
RYB	173, 133, 189
Decimal	11371965
CIELab	61.07, 25.50, -23.41
CIELCh	61, 34.620, 317.443
Yxy	29.3334, 0.2998, 0.2526
Android (android.graphics.Color)	4289562045 (0xFFAD85BD)
YUV	151.3440, 18.5644, 18.9923
Hunter-Lab	54.1603, 19.9334, -18.9817

Details

The XYZ color **34.8064, 29.3334, 51.9715** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.8266, 44.4789, 28.9414**, and the grayscale version is **29.4847, 31.0202, 33.7810**.

A 20% lighter version of the original color is **66.5649, 58.7912, 94.2257**, and **15.2829, 11.9572, 24.7950** is the 20% darker color. If you saturate the color by 10%, you get **31.2781, 24.0133, 51.1310**, and if you desaturate by 10%, it is **38.8504, 35.6120, 52.9707**.

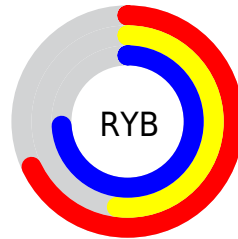
Distribution



Red (68%)

Green (52%)

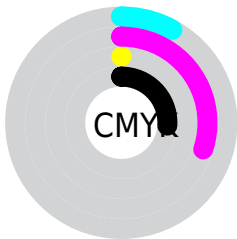
Blue (74%)



Red (68%)

Yellow (52%)

Blue (74%)

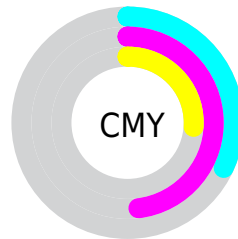


Cyan (8%)

Magenta (30%)

Yellow (0%)

Black (26%)



Cyan (32%)

Magenta (48%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8064, 29.3334, 51.9715 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 34.8064, 29.3334, 51.9715 by changing the saturation by 10% instead.

■ 34.8064, 29.3334,
51.9715

■ 34.8064, 29.3334,
51.9715

315.2360,
298.7848, 411.2804

■ 23.6796, 19.3332,
36.6003

■ 66.5217, 58.6064,
94.5154

■ 15.2196, 11.9113,
24.6048

■ 87.8410, 78.6479,
122.5251

■ 9.0609, 6.6833,
15.5665

■ 113.2884,
102.8054, 155.5847

■ 4.8384, 3.2648,
9.0669

143.2294,
131.4631, 194.1128

■ 2.1865, 1.2715,
4.6874

178.0293,
165.0055, 238.5278

■ 0.7356, 0.1190,
2.0096

218.0535,

■ 0.0000, 0.0000,

203.8170, 289.2484

0.5611

263.6672,
248.2820, 346.6931

■ 0.0000, 0.0000,
0.0000

■ 34.8064, 29.3334,
51.9715

■ 34.8064, 29.3334,
51.9715

■ 31.2781, 24.0133,
51.1310

■ 38.8504, 35.6120,
52.9707

■ 28.2372, 19.5978,
50.4390

■ 43.4310, 42.8918,
54.1344

■ 25.6567, 16.0331,
49.8870

■ 48.5711, 51.2176,
55.4705

■ 23.5057, 13.2582,
49.4647

■ 54.2917, 60.6301,
56.9858

■ 21.7490, 11.2039,
49.1608

■ 60.6124, 71.1681,
58.6867

■ 20.3454, 9.7884,
48.9616

■ 67.5521, 82.8682,
60.5793

■ 19.2171, 8.8570,
48.8413

■ 71.7526, 89.0138,
61.5442

■ 19.1771, 8.8251,
48.8372

■ 73.3240, 89.8239,
61.6177

■ 74.9478, 90.6610,
61.6937

Harmonies

Analogous

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



30.5757, 29.3334, 62.1634



34.8064, 29.3334, 51.9715



37.2830, 29.3334, 37.6795

Triad

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



34.8064, 29.3334, 51.9715



29.8188, 29.3334, 13.2443



20.3644, 29.3334, 40.0213

Complementary

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



34.8064, 29.3334, 51.9715



34.8266, 44.4789, 28.9414

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.



20.2088, 29.3334, 26.8135



34.8064, 29.3334, 51.9715



25.3485, 29.3334, 13.5529

Square

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



34.8064, 29.3334, 51.9715



34.2008, 29.3334, 16.8544



21.9403, 29.3334, 17.8562



22.3912, 29.3334, 54.0811

Rectangle

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



34.8064, 29.3334, 51.9715



37.4472, 29.3334, 28.8134



21.9403, 29.3334, 17.8562



20.1000, 29.3334, 35.2830

Sweetspot

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



34.8073, 29.3346, 51.9721



78.2064, 77.4965, 97.0626



29.7338, 30.4108, 52.4473



16.5461, 16.2291, 20.8030



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.



34.8073, 29.3346, 51.9721



57.8529, 45.7399, 92.0057



37.3904, 30.8014, 45.9895



9.6571, 9.5556, 12.0076



12.9810, 5.9780, 32.8626



0.5698, 0.2658, 1.2901

Inverse Universe

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



34.7995, 29.7650, 32.3461



58.0162, 46.7509, 50.1416



32.9208, 43.4022, 33.1094



9.6392, 9.5800, 10.4893



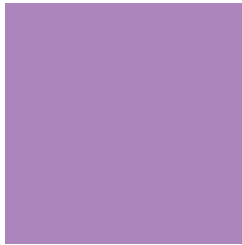
14.5972, 7.4700, 3.1725



0.6010, 0.3043, 0.2781

Previews

White Background



This preview shows how the XYZ color 34.8064, 29.3334, 51.9715 looks on a white background.

Color Contrast Check

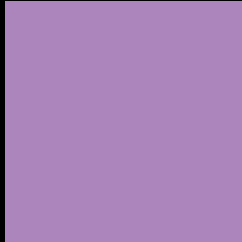
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8064, 29.3334, 51.9715 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 34.8064, 29.3334, 51.9715

Background



This preview shows how black text looks on a background with the XYZ color 34.8064, 29.3334, 51.9715.



This preview shows how white text looks on a background with the XYZ color 34.8064, 29.3334,

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

34.8064, 29.3334, 51.9715

Protanopia

30.1448, 29.6215, 57.5548

Deuteranopia

30.2504, 29.5894, 51.1307



Tritanopia

30.9003, 29.2060, 33.2869

Trichromacy



Original Color

34.8064, 29.3334, 51.9715

Protanomaly

31.5879, 29.2858, 55.6176

Deuteranomaly

31.7388, 29.4529, 51.5891

Tritanomaly

32.0994, 29.0429, 39.5113

Monochromacy



Original Color

34.8064, 29.3334, 51.9715

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.0629, 30.0341, 39.7573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8064, 29.3334, 51.9715 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, 133, 189)` looks like.

```
.text, #text, p{  
    color:rgb(173, 133, 189)  
}
```

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, 133, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 133, 189) }
```

Border

The CSS property to change the border of an element to XYZ 34.8064, 29.3334, 51.9715 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, 133, 189) }
```


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

```
.border{ border-color:rgb(173, 133, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 133, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 133, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 133, 189);  
box-shadow:4px 4px 4px 4px rgb(173, 133,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8064, 29.3334, 51.9715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 133, 189) }
```

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

```
.background{ background-color: rgb(173,  
133, 189) }
```

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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