

Converting Colors

XYZ(36.2381, 29.8673, 33.9920)

Have a look what the booklet for
XYZ(36.2381, 29.8673, 33.9920)
contains.

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Color

**XYZ(36.2381, 29.8673,
33.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	C38299
RGB	195, 130, 153
RGB Percent	76%, 51%, 60%
CMY	0.2353, 0.4902, 0.4000
CMYK	0.00, 0.33, 0.22, 0.24
HSL	339°, 35%, 64%
HSV	339°, 33%, 76%
XYZ	36.2381, 29.8673, 33.9920
YIQ	152.0570, 31.3570, 20.9330

Conversions

Conversions Part 2

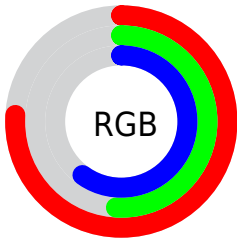
Format	Color
RYB	195, 130, 153
Decimal	12812953
CIELab	61.54, 28.34, -1.99
CIElCh	62, 28.407, 355.989
Yxy	29.8673, 0.3620, 0.2984
Android (android.graphics.Color)	4291003033 (0xFFC38299)
YUV	152.0570, 0.4649, 37.6610
Hunter-Lab	54.6510, 22.7210, 1.3783

Details

The XYZ color **36.2381, 29.8673, 33.9920** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.1687, 46.7554, 46.1505**, and the grayscale version is **29.8590, 31.4139, 34.2098**.

A 20% lighter version of the original color is **68.9110, 59.6686, 66.9167**, and **16.0822, 12.2721, 14.0915** is the 20% darker color. If you saturate the color by 10%, you get **32.8996, 24.7686, 28.0127**, and if you desaturate by 10%, it is **40.1798, 35.9958, 40.7153**.

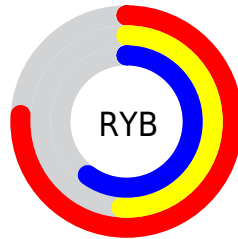
Distribution



Red (76%)

Green (51%)

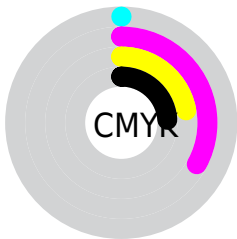
Blue (60%)



Red (76%)

Yellow (51%)

Blue (60%)

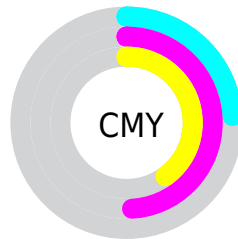


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2381, 29.8673, 33.9920 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 36.2381, 29.8673, 33.9920 by changing the saturation by 10% instead.


 36.2381, 29.8673,
33.9920


 36.2381, 29.8673,
33.9920


321.4132,
301.2854, 334.8644


 24.7891, 19.7379,
22.6101

 68.7209, 59.4523,
67.0550

 16.0479, 12.2047,
14.1033


 90.4854, 79.6766,
89.5732

 9.6491, 6.8832,
8.0530

 116.4191,
104.0347, 116.6406

 5.2274, 3.3892,
4.0406

146.8873,
132.9109, 148.6757

 2.4174, 1.3381,
1.6477

182.2555,
166.6897, 186.0971

 0.8538, 0.1704,
0.3245

222.8890,

 0.0000, 0.0000,

205.7555, 229.3234

0.0000

269.1531,
250.4926, 278.7730

■ 36.2381, 29.8673,
33.9920

■ 36.2381, 29.8673,
33.9920

■ 32.8996, 24.7686,
28.0127

■ 40.1798, 35.9958,
40.7153

■ 30.1304, 20.6384,
22.7484

■ 44.7510, 43.2025,
48.2064

■ 27.8972, 17.4155,
18.1708


■ 49.9795, 51.5378,
56.4904


■ 26.1620, 15.0298,
14.2485


■ 55.8907, 61.0475,
65.5903


■ 24.8813, 13.4007,
10.9474

■ 62.5086, 71.7753,
75.5285


 24.0034, 12.4316,
8.2291

 69.8560, 83.7621,
86.3263

 23.5798, 12.0317,
6.7086

 74.1739, 89.4854,
96.7439

 76.1243, 90.2656,
107.0150

 76.3158, 90.3422,
108.0233

Harmonies

Analogous

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



34.8207, 29.8673, 45.5485



36.2381, 29.8673, 33.9920



35.4041, 29.8673, 24.2560

Triad

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



36.2381, 29.8673, 33.9920



25.3328, 29.8673, 17.2190



24.5286, 29.8673, 52.9086

Complementary

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



36.2381, 29.8673, 33.9920



36.1687, 46.7554, 46.1505

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.



22.3660, 29.8673, 42.4765



36.2381, 29.8673, 33.9920



22.8007, 29.8673, 22.2486

Square

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



36.2381, 29.8673, 33.9920



28.8973, 29.8673, 15.9146



21.7622, 29.8673, 31.0919



27.8847, 29.8673, 57.8927

Rectangle

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



36.2381, 29.8673, 33.9920



33.7200, 29.8673, 19.7735



21.7622, 29.8673, 31.0919



23.6500, 29.8673, 49.8242

Sweetspot

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



36.2389, 29.8687, 33.9926



82.9935, 81.8940, 90.8941



34.6651, 28.5836, 55.3202



17.8904, 17.4819, 19.4507



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.2389, 29.8687, 33.9926



60.4413, 46.6607, 52.9454



35.7205, 31.5841, 25.3345



10.2171, 10.1354, 11.2338



15.3620, 7.8346, 4.5524



0.6967, 0.3517, 0.3704

Inverse Universe

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



36.2389, 29.8687, 33.9926



60.4413, 46.6607, 52.9454



36.6865, 43.9453, 58.1788



10.2171, 10.1354, 11.2338



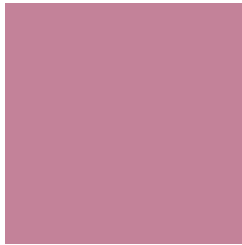
15.3620, 7.8346, 4.5524



0.6967, 0.3517, 0.3704

Previews

White Background



This preview shows how the XYZ color 36.2381, 29.8673, 33.9920 looks on a white background.

Color Contrast Check

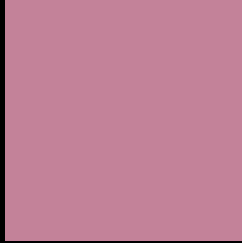
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.2381, 29.8673, 33.9920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

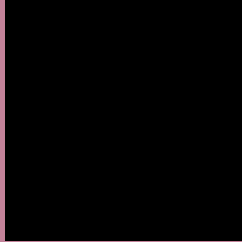
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.2381, 29.8673, 33.9920

Background



This preview shows how black text looks on a background with the XYZ color 36.2381, 29.8673, 33.9920.



This preview shows how white text looks on a background with the XYZ color 36.2381, 29.8673,

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

36.2381, 29.8673, 33.9920

Protanopia

29.3234, 30.0632, 39.3792

Deuteranopia

30.5825, 29.9351, 33.0203



Tritanopia

35.3819, 29.9249, 29.5024

Trichromacy



Original Color

36.2381, 29.8673, 33.9920

Protanomaly

31.1799, 29.4803, 37.3046

Deuteranomaly

32.4977, 29.8136, 33.3199

Tritanomaly

35.5527, 29.7773, 31.0679

Monochromacy



Original Color

36.2381, 29.8673, 33.9920

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.7892, 30.5383, 33.9248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2381, 29.8673, 33.9920 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(195, 130, 153)` looks like.

```
.text, #text, p{  
    color:rgb(195, 130, 153)  
}
```

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(195, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 130, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.2381, 29.8673, 33.9920 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(195, 130, 153) }
```


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

```
.border{ border-color:rgb(195, 130, 153) }
```

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

Here you see how a box with a 4 pixel rgb(195, 130, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(195, 130,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2381, 29.8673, 33.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 130, 153) }
```

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

```
.background{ background-color: rgb(195,  
130, 153) }
```

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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