

Converting Colors

XYZ(35.4630, 29.1075, 49.8219)

Have a look what the booklet for
XYZ(35.4630, 29.1075, 49.8219)
contains.

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Color

**XYZ(35.3300, 29.0518,
49.6444)**

Conversions

Conversions Part 1

Format	Color
Hex	B382B9
RGB	179, 130, 185
RGB Percent	70%, 51%, 73%
CMY	0.2980, 0.4902, 0.2745
CMYK	0.03, 0.30, 0.00, 0.27
HSL	293°, 28%, 62%
HSV	293°, 30%, 73%
XYZ	35.3300, 29.0518, 49.6444
YIQ	150.9210, 11.5490, 27.4930

Conversions

Conversions Part 2

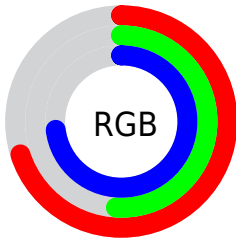
Format	Color
RYB	179, 130, 185
Decimal	11764409
CIELab	60.83, 28.35, -21.47
CIELCh	61, 35.566, 322.862
Yxy	29.0518, 0.3098, 0.2548
Android (android.graphics.Color)	4289954489 (0xFFB382B9)
YUV	150.9210, 16.8009, 24.6253
Hunter-Lab	53.8997, 22.6780, -16.8793

Details

The XYZ color **35.3300, 29.0518, 49.6444** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.5326, 41.5446, 27.4776**, and the grayscale version is **29.3094, 30.8358, 33.5802**.

A 20% lighter version of the original color is **67.0716, 57.8800, 90.8560**, and **15.4910, 11.7632, 23.2839** is the 20% darker color. If you saturate the color by 10%, you get **32.6243, 24.3272, 48.8755**, and if you desaturate by 10%, it is **38.4868, 34.6673, 50.5623**.

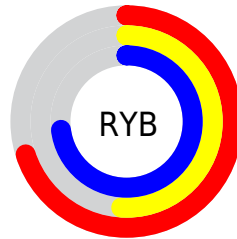
Distribution



Red (70%)

Green (51%)

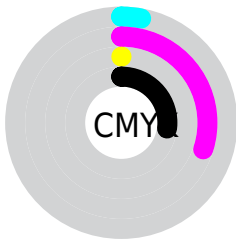
Blue (73%)



Red (70%)

Yellow (51%)

Blue (73%)

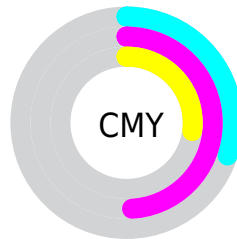


Cyan (3%)

Magenta (30%)

Yellow (0%)

Black (27%)



Cyan (30%)


Magenta (49%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3300, 29.0518, 49.6444 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 35.3300, 29.0518, 49.6444 by changing the saturation by 10% instead.

 35.3300, 29.0518,
49.6444


 35.3300, 29.0518,
49.6444


317.5051,
297.4593, 401.9689


 24.0849, 19.1200,
34.7617


 67.3273, 58.1594,
91.0387

 15.5217, 11.7570,
23.1973


 88.8103, 78.1040,
118.3873

 9.2750, 6.5785,
14.5326


 114.4365,
102.1549, 150.7284

 4.9795, 3.1999,
8.3491

144.5715,
130.6966, 188.4804

 2.2699, 1.2370,
4.2281

179.5804,
164.1136, 232.0619

 0.7792, 0.0916,
1.7513

219.8288,

 0.0000, 0.0000,

202.7900, 281.8915

0.3956

265.6819,
247.1105, 338.3876

■ 0.0000, 0.0000,
0.0000

■ 35.3300, 29.0518,
49.6444

■ 35.3300, 29.0518,
49.6444

■ 32.6243, 24.3272,
48.8755

■ 38.4868, 34.6673,
50.5623

■ 30.3431, 20.4421,
48.2458

■ 42.1139, 41.2137,
51.6348

■ 28.4614, 17.3461,
47.7474

■ 46.2328, 48.7334,
52.8691

■ 26.9504, 14.9815,
47.3706

■ 50.8626, 57.2648,
54.2718

■ 25.7774, 13.2826,
47.1046

■ 56.0217, 66.8444,
55.8490

■ 24.9036, 12.1724,
46.9363

■ 61.7273, 77.5069,
57.6063

■ 24.2534, 11.4996,
46.8407

■ 66.5421, 86.3771,
59.0647

■ 24.2365, 11.4828,
46.8384

■ 67.0606, 86.6444,
59.0890

■ 67.5861, 86.9154,
59.1135

Harmonies

Analogous

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



31.2157, 29.0518, 61.3991



35.3300, 29.0518, 49.6444



37.4151, 29.0518, 34.9055

Triad

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



35.3300, 29.0518, 49.6444



28.7332, 29.0518, 12.4873



20.1993, 29.0518, 42.6005

Complementary

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



35.3300, 29.0518, 49.6444



31.5326, 41.5446, 27.4776

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.



19.6922, 29.0518, 28.5708



35.3300, 29.0518, 49.6444



24.2985, 29.0518, 13.4836

Square

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



35.3300, 29.0518, 49.6444



33.3401, 29.0518, 15.3576



21.1102, 29.0518, 18.6080



22.5822, 29.0518, 56.6031

Rectangle

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



35.3300, 29.0518, 49.6444



37.2265, 29.0518, 26.2927



21.1102, 29.0518, 18.6080



19.8156, 29.0518, 37.6503

Sweetspot

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



35.3309, 29.0531, 49.6450



75.8289, 74.5464, 92.5969



26.8271, 25.9760, 49.4993



16.1313, 15.6789, 19.8977



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.3309, 29.0531, 49.6450



59.8669, 46.0601, 87.9398



34.6845, 28.9582, 38.8449



9.2818, 9.1117, 11.3490



16.5404, 7.8381, 31.8942



0.6109, 0.2906, 1.1256

Inverse Universe

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



32.4352, 28.0585, 27.0003



53.8864, 44.0270, 40.2245



32.1486, 41.6816, 35.6658



9.0434, 9.0277, 9.5759



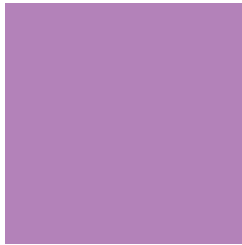
13.7243, 7.0635, 1.1691



0.4970, 0.2543, 0.1108

Previews

White Background



This preview shows how the XYZ color 35.3300, 29.0518, 49.6444 looks on a white background.

Color Contrast Check

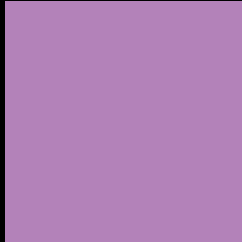
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3300, 29.0518, 49.6444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

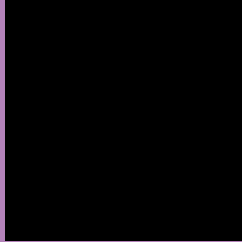
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3300, 29.0518, 49.6444

Background



This preview shows how black text looks on a background with the XYZ color 35.3300, 29.0518, 49.6444.



This preview shows how white text looks on a background with the XYZ color 35.3300, 29.0518,

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

35.3300, 29.0518, 49.6444

Protanopia

29.7621, 29.2229, 56.2965

Deuteranopia

29.7444, 29.1636, 48.3174



Tritanopia

31.7465, 29.0281, 31.9467

Trichromacy



Original Color

35.3300, 29.0518, 49.6444

Protanomaly

31.4702, 29.0460, 53.8169

Deuteranomaly

31.4902, 28.9521, 48.7283

Tritanomaly

32.8626, 28.8535, 37.5554

Monochromacy



Original Color

35.3300, 29.0518, 49.6444

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.1313, 29.8663, 38.7743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3300, 29.0518, 49.6444 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(179, 130, 185)` looks like.

```
.text, #text, p{  
    color:rgb(179, 130, 185)  
}
```

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(179, 130, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 130, 185) }
```

Border

The CSS property to change the border of an element to XYZ 35.3300, 29.0518, 49.6444 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(179, 130, 185) }
```


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

```
.border{ border-color:rgb(179, 130, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 130, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 130, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 130, 185);  
box-shadow:4px 4px 4px 4px rgb(179, 130,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3300, 29.0518, 49.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 130, 185) }
```

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

```
.background{ background-color: rgb(179,  
130, 185) }
```

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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