

Converting Colors

XYZ(36.2355, 29.9453, 52.4377)

Have a look what the booklet for
XYZ(36.2355, 29.9453, 52.4377)
contains.

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Color

**XYZ(36.1359, 29.8039,
52.5634)**

Conversions

Conversions Part 1

Format	Color
Hex	B384BE
RGB	179, 132, 190
RGB Percent	70%, 52%, 75%
CMY	0.2980, 0.4823, 0.2549
CMYK	0.06, 0.31, 0.00, 0.25
HSL	289°, 31%, 63%
HSV	289°, 31%, 75%
XYZ	36.1359, 29.8039, 52.5634
YIQ	152.6650, 9.3940, 28.0020

Conversions

Conversions Part 2

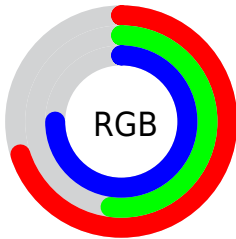
Format	Color
RYB	179, 132, 190
Decimal	11764926
CIELab	61.48, 28.23, -23.30
CIElCh	61, 36.605, 320.469
Yxy	29.8039, 0.3049, 0.2515
Android (android.graphics.Color)	4289955006 (0xFFB384BE)
YUV	152.6650, 18.4062, 23.0958
Hunter-Lab	54.5929, 22.6142, -18.8708

Details

The XYZ color **36.1359, 29.8039, 52.5634** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.9070, 44.3333, 28.6013**, and the grayscale version is **30.0533, 31.6184, 34.4325**.

A 20% lighter version of the original color is **68.4544, 59.4338, 95.0527**, and **15.9187, 12.1721, 24.8030** is the 20% darker color. If you saturate the color by 10%, you get **32.9685, 24.6889, 51.7435**, and if you desaturate by 10%, it is **39.7962, 35.8711, 53.5420**.

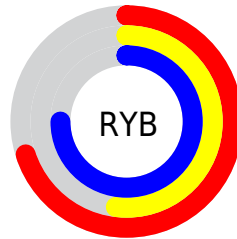
Distribution



Red (70%)

Green (52%)

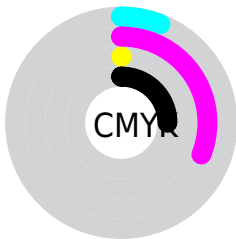
Blue (75%)



Red (70%)

Yellow (52%)

Blue (75%)

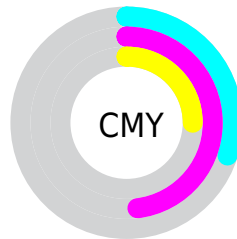


Cyan (6%)

Magenta (31%)

Yellow (0%)

Black (25%)



Cyan (30%)


Magenta (48%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1359, 29.8039, 52.5634 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 36.1359, 29.8039, 52.5634 by changing the saturation by 10% instead.


 36.1359, 29.8039,
52.5634


 36.1359, 29.8039,
52.5634


320.9750,
300.9893, 413.6265


 24.7098, 19.6898,
37.0690


 68.5643, 59.3519,
95.3966

 15.9885, 12.1698,
24.9647

 90.2972, 79.5546,
123.5726

 9.6068, 6.8594,
15.8320


 116.1965,
103.8890, 156.8127

 5.1993, 3.3743,
9.2523

146.6274,
132.7394, 195.5357

 2.4006, 1.3301,
4.8070

181.9554,
166.4902, 240.1601

 0.8454, 0.1644,
2.0777

222.5458,

 0.0000, 0.0000,

205.5259, 291.1043

0.6025

268.7638,
250.2308, 348.7869

■ 0.0000, 0.0000,
0.0000

■ 36.1359, 29.8039,
52.5634

■ 36.1359, 29.8039,
52.5634

■ 32.9685, 24.6889,
51.7435

■ 39.7962, 35.8711,
53.5420

■ 30.2655, 20.4712,
51.0719

■ 43.9702, 42.9339,
54.6853

■ 27.9998, 17.0962,
50.5398

■ 48.6811, 51.0376,
56.0012

■ 26.1401, 14.5016,
50.1370

■ 53.9496, 60.2237,
57.4966

■ 24.6507, 12.6165,
49.8517

■ 59.7955, 70.5311,
59.1780

■ 23.4897, 11.3569,
49.6697

■ 66.2374, 81.9972,
61.0516

■ 22.6143, 10.5844,
49.5668

■ 70.0181, 88.1070,
62.0317

■ 71.0188, 88.6229,
62.0785

■ 72.0425, 89.1506,
62.1264

Harmonies

Analogous

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



31.7113, 29.8039, 64.4065



36.1359, 29.8039, 52.5634



38.5419, 29.8039, 37.0719

Triad

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



36.1359, 29.8039, 52.5634



29.8982, 29.8039, 12.6128



20.4669, 29.8039, 42.7019

Complementary

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



36.1359, 29.8039, 52.5634



33.9070, 44.3333, 28.6013

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.



20.0992, 29.8039, 28.2317



36.1359, 29.8039, 52.5634



25.1938, 29.8039, 13.3267

Square

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



36.1359, 29.8039, 52.5634



34.6794, 29.8039, 15.9191



21.7341, 29.8039, 18.2616



22.8032, 29.8039, 57.6795

Rectangle

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



36.1359, 29.8039, 52.5634



38.5095, 29.8039, 27.8419



21.7341, 29.8039, 18.2616



20.1202, 29.8039, 37.5435

Sweetspot

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



36.1369, 29.8052, 52.5640



80.7981, 79.7128, 99.4067



28.7239, 28.4501, 52.6932



17.4801, 17.0558, 21.7561



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.1369, 29.8052, 52.5640



61.3334, 47.2789, 94.1722



36.9915, 30.4526, 43.2617



9.7478, 9.6024, 12.0119



15.0996, 7.0702, 32.9617



0.6380, 0.3009, 1.2933

Inverse Universe

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



34.4454, 29.4341, 29.8538



57.9024, 46.5823, 45.5700



33.3870, 43.9159, 35.3197



9.6021, 9.5652, 10.2938



14.3544, 7.3729, 1.8938



0.5849, 0.2979, 0.1933

Previews

White Background



This preview shows how the XYZ color 36.1359, 29.8039, 52.5634 looks on a white background.

Color Contrast Check

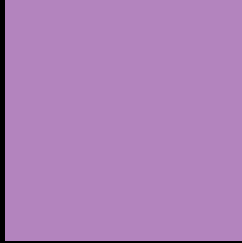
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1359, 29.8039, 52.5634 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 36.1359, 29.8039, 52.5634

Background



This preview shows how black text looks on a background with the XYZ color 36.1359, 29.8039, 52.5634.



This preview shows how white text looks on a background with the XYZ color 36.1359, 29.8039,

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

36.1359, 29.8039, 52.5634

Protanopia

30.6492, 30.0710, 59.4472

Deuteranopia

30.5762, 29.9853, 51.1899



Tritanopia

32.1976, 29.8748, 33.3476

Trichromacy



Original Color

36.1359, 29.8039, 52.5634

Protanomaly

32.3287, 29.8612, 56.8832

Deuteranomaly

32.3123, 29.7485, 51.6159

Tritanomaly

33.4164, 29.7219, 39.5730

Monochromacy



Original Color

36.1359, 29.8039, 52.5634

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.9086, 30.6854, 40.3175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1359, 29.8039, 52.5634 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, 132, 190)` looks like.

```
.text, #text, p{  
    color:rgb(179, 132, 190)  
}
```

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, 132, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 132, 190) }
```

Border

The CSS property to change the border of an element to XYZ 36.1359, 29.8039, 52.5634 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, 132, 190) }
```


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

```
.border{ border-color:rgb(179, 132, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 132, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 132, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 132, 190);  
box-shadow:4px 4px 4px 4px rgb(179, 132,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1359, 29.8039, 52.5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 132, 190) }
```

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

```
.background{ background-color: rgb(179,  
132, 190) }
```

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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