

Converting Colors

XYZ(35.9018, 29.6808, 52.5522)

Have a look what the booklet for
XYZ(35.9018, 29.6808, 52.5522)
contains.

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Color

**XYZ(35.9056, 29.6852,
52.5526)**

Conversions

Conversions Part 1

Format	Color
Hex	B284BE
RGB	178, 132, 190
RGB Percent	70%, 52%, 75%
CMY	0.3020, 0.4823, 0.2549
CMYK	0.06, 0.31, 0.00, 0.25
HSL	288°, 31%, 63%
HSV	288°, 31%, 75%
XYZ	35.9056, 29.6852, 52.5526
YIQ	152.3660, 8.7980, 27.7900

Conversions

Conversions Part 2

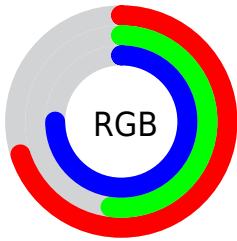
Format	Color
RYB	178, 132, 190
Decimal	11699390
CIELab	61.38, 27.91, -23.47
CIELCh	61, 36.460, 319.939
Yxy	29.6852, 0.3039, 0.2513
Android (android.graphics.Color)	4289889470 (0xFFB284BE)
YUV	152.3660, 18.5536, 22.4810
Hunter-Lab	54.4841, 22.2861, -19.0492

Details

The XYZ color **35.9056, 29.6852, 52.5526** is a light color, and the websafe version is hex **CC99CC**, and the color name is **african violet**. A complement of this color would be **34.0810, 44.4229, 28.6094**, and the grayscale version is **29.9236, 31.4819, 34.2838**.

A 20% lighter version of the original color is **68.1251, 59.2641, 95.0373**, and **15.7734, 12.0972, 24.7962** is the 20% darker color. If you saturate the color by 10%, you get **32.6711, 24.5356, 51.7296**, and if you desaturate by 10%, it is **39.6371, 35.7891, 53.5346**.

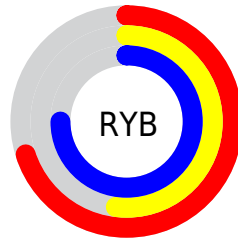
Distribution



Red (70%)

Green (52%)

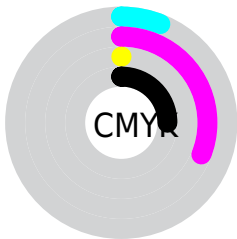
Blue (75%)



Red (70%)

Yellow (52%)

Blue (75%)

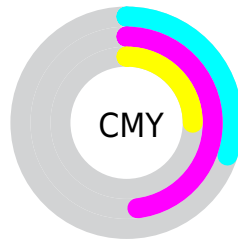


Cyan (6%)

Magenta (31%)

Yellow (0%)

Black (25%)



Cyan (30%)


Magenta (48%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9056, 29.6852, 52.5526 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 35.9056, 29.6852, 52.5526 by changing the saturation by 10% instead.


 35.9056, 29.6852,
52.5526


 35.9056, 29.6852,
52.5526


319.9862,
300.4343, 413.5838

 24.5311, 19.5998,
37.0605


 68.2112, 59.1640,
95.3806

 15.8549, 12.1045,
24.9581


 89.8729, 79.3261,
123.5535

 9.5117, 6.8149,
15.8271


 115.6944,
103.6160, 156.7904

 5.1362, 3.3466,
9.2489

146.0411,
132.4179, 195.5098

 2.3630, 1.3152,
4.8049

181.2782,
166.1163, 240.1303

 0.8266, 0.1530,
2.0765

221.7712,

 0.0000, 0.0000,

205.0956, 291.0705

0.6017

267.8854,
249.7401, 348.7488

■ 0.0000, 0.0000,
0.0000

■ 35.9056, 29.6852,
52.5526

■ 35.9056, 29.6852,
52.5526

■ 32.6711, 24.5356,
51.7296

■ 39.6371, 35.7891,
53.5346

■ 29.9051, 20.2854,
51.0550

■ 43.8864, 42.8907,
54.6813

■ 27.5802, 16.8799,
50.5202

■ 48.6768, 51.0354,
56.0009

■ 25.6653, 14.2569,
50.1148

■ 54.0291, 60.2646,
57.5003

■ 24.1247, 12.3453,
49.8270

■ 59.9630, 70.6175,
59.1858

■ 22.9162, 11.0613,
49.6429

■ 66.4972, 82.1311,
61.0638

■ 21.9994, 10.2674,
49.5380

■ 70.3746, 88.2908,
62.0484

■ 71.4764, 88.8588,
62.0999

■ 72.6056, 89.4409,
62.1528

Harmonies

Analogous

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



31.4894, 29.6852, 64.1804



35.9056, 29.6852, 52.5526



38.3411, 29.6852, 37.1759

Triad

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



35.9056, 29.6852, 52.5526



29.8624, 29.6852, 12.6215



20.3800, 29.6852, 42.2273

Complementary

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



35.9056, 29.6852, 52.5526



34.0810, 44.4229, 28.6094

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.



20.0498, 29.6852, 27.9104



35.9056, 29.6852, 52.5526



25.1757, 29.6852, 13.2630

Square

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



35.9056, 29.6852, 52.5526



34.5988, 29.6852, 15.9870



21.7091, 29.6852, 18.0911



22.6690, 29.6852, 57.1414

Rectangle

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



35.9056, 29.6852, 52.5526



38.3453, 29.6852, 27.9607



21.7091, 29.6852, 18.0911



20.0471, 29.6852, 37.1151

Sweetspot

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



35.9066, 29.6865, 52.5532



80.6656, 79.6445, 99.4005



28.8705, 28.7432, 52.7420



17.4465, 17.0385, 21.7545



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.



35.9066, 29.6865, 52.5532



60.8293, 47.0190, 94.1487



37.0852, 30.4900, 43.7547



9.7314, 9.5939, 12.0111



14.6946, 6.8614, 32.9428



0.6252, 0.2943, 1.2927

Inverse Universe

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



34.5215, 29.4646, 30.2547



58.0562, 46.6439, 46.3802



33.3099, 43.8851, 34.9135



9.6088, 9.5678, 10.3287



14.3907, 7.3874, 2.0851



0.5878, 0.2990, 0.2085

Previews

White Background



This preview shows how the XYZ color 35.9056, 29.6852, 52.5526 looks on a white background.

Color Contrast Check

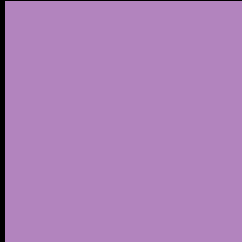
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9056, 29.6852, 52.5526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

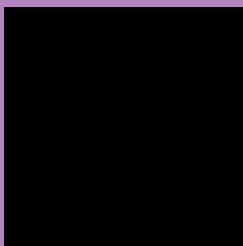
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9056, 29.6852, 52.5526

Background



This preview shows how black text looks on a background with the XYZ color 35.9056, 29.6852, 52.5526.



This preview shows how white text looks on a background with the XYZ color 35.9056, 29.6852,

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

35.9056, 29.6852, 52.5526

Protanopia

30.6492, 30.0710, 59.4472

Deuteranopia

30.5762, 29.9853, 51.1899



Tritanopia

31.9773, 29.7612, 33.3373

Trichromacy



Original Color

35.9056, 29.6852, 52.5526

Protanomaly

32.1455, 29.7668, 56.8746

Deuteranomaly

32.3123, 29.7485, 51.6159

Tritanomaly

33.1928, 29.6066, 39.5625

Monochromacy



Original Color

35.9056, 29.6852, 52.5526

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.7063, 30.5810, 40.3080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9056, 29.6852, 52.5526 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(178, 132, 190)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 132, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 132, 190) }
```

Border

The CSS property to change the border of an element to XYZ 35.9056, 29.6852, 52.5526 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(178, 132, 190) }
```


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

```
.border{ border-color:rgb(178, 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(178, 132, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 132, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 132, 190);  
box-shadow:4px 4px 4px 4px rgb(178, 132,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9056, 29.6852, 52.5526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 132, 190) }
```

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

```
.background{ background-color: rgb(178,  
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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