

Converting Colors

XYZ(35.9359, 30.3300, 47.3440)

Have a look what the booklet for
XYZ(35.9359, 30.3300, 47.3440)
contains.

XYZ(35.9582, 30.4470, 47.1617)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.9582, 30.4470,
47.1617)**

Conversions

Conversions Part 1

Format	Color
Hex	B587B4
RGB	181, 135, 180
RGB Percent	71%, 53%, 71%
CMY	0.2902, 0.4706, 0.2941
CMYK	0.00, 0.25, 0.01, 0.29
HSL	301°, 24%, 62%
HSV	301°, 25%, 71%
XYZ	35.9582, 30.4470, 47.1617
YIQ	153.8840, 12.9710, 23.7470

Conversions

Conversions Part 2

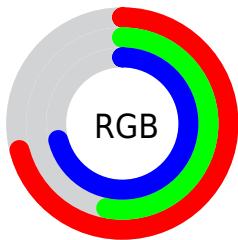
Format	Color
RYB	181, 135, 180
Decimal	11896756
CIELab	62.04, 25.25, -16.78
CIELCh	62, 30.317, 326.404
Yxy	30.4470, 0.3166, 0.2681
Android (android.graphics.Color)	4290086836 (0xFFB587B4)
YUV	153.8840, 12.8752, 23.7807
Hunter-Lab	55.1788, 19.7596, -12.0504

Details

The XYZ color **35.9582, 30.4470, 47.1617** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.9607, 39.9770, 29.3787**, and the grayscale version is **30.6065, 32.2004, 35.0662**.

A 20% lighter version of the original color is **68.2630, 60.4558, 87.4282**, and **15.8317, 12.5413, 21.6650** is the 20% darker color. If you saturate the color by 10%, you get **33.6047, 25.8034, 46.1800**, and if you desaturate by 10%, it is **38.7431, 35.9519, 48.2884**.

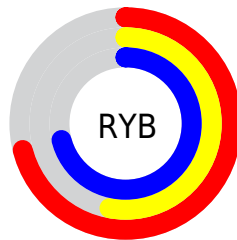
Distribution



Red (71%)

Green (53%)

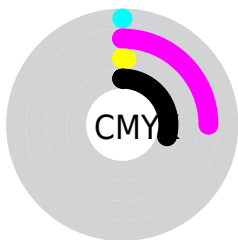
Blue (71%)



Red (71%)

Yellow (53%)

Blue (71%)

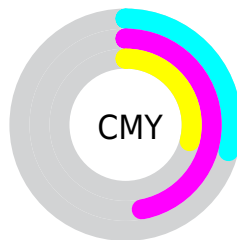


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9582, 30.4470, 47.1617 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 35.9582, 30.4470, 47.1617 by changing the saturation by 10% instead.


 35.9582, 30.4470,
47.1617


 35.9582, 30.4470,
47.1617


320.2122,
303.9825, 391.8720

 24.5719, 20.1781,
32.8082


 68.2918, 60.3684,
87.3074

 15.8854, 12.5246,
21.7097


 89.9699, 80.7896,
113.9368

 9.5334, 7.1020,
13.4475


 115.8092,
105.3638, 145.4952

 5.1506, 3.5260,
7.6030

146.1751,
134.4754, 182.4013

 2.3716, 1.4121,
3.7579

181.4330,
168.5086, 225.0734

 0.8309, 0.2256,
1.4935

221.9483,

 0.0000, 0.0000,

207.8479, 273.9302

0.2131

268.0862,
252.8778, 329.3902

■ 0.0000, 0.0000,
0.0000

■ 35.9582, 30.4470,
47.1617

■ 35.9582, 30.4470,
47.1617

■ 33.6047, 25.8034,
46.1800

■ 38.7431, 35.9519,
48.2884

■ 31.6579, 21.9738,
45.3341

■ 41.9766, 42.3545,
49.5649

■ 30.0953, 18.9122,
44.6169

■ 45.6786, 49.6939,
50.9981

■ 28.8907, 16.5667,
44.0195

■ 49.8669, 58.0057,
52.5939

■ 28.0151, 14.8787,
43.5324

■ 54.5584, 67.3237,
54.3581

■ 27.4344, 13.7806,
43.1441

■ 59.7691, 77.6800,
56.2959

■ 27.1068, 13.1883,
42.8407

■ 63.3381, 84.7526,
57.6870

■ 26.9986, 13.0008,
42.7158

■ 63.3790, 84.7690,
57.9027

■ 63.4201, 84.7854,
58.1189

Harmonies

Analogous

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



32.5599, 30.4470, 57.5466



35.9582, 30.4470, 47.1617



37.4718, 30.4470, 34.5771

Triad

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



35.9582, 30.4470, 47.1617



29.4325, 30.4470, 15.4388



22.4811, 30.4470, 44.1490

Complementary

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



35.9582, 30.4470, 47.1617



30.9607, 39.9770, 29.3787

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.



21.8110, 30.4470, 31.7659



35.9582, 30.4470, 47.1617



25.5969, 30.4470, 16.8582

Square

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



35.9582, 30.4470, 47.1617



33.4881, 30.4470, 17.7696



22.8983, 30.4470, 22.2335



24.8216, 30.4470, 55.5403

Rectangle

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



35.9582, 30.4470, 47.1617



37.1129, 30.4470, 27.2171



22.8983, 30.4470, 22.2335



22.0630, 30.4470, 39.8915

Sweetspot

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



35.9591, 30.4483, 47.1624



73.5208, 72.5714, 88.1193



27.1213, 25.8805, 47.2825



15.6999, 15.3078, 18.9707



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.9591, 30.4483, 47.1624



62.1619, 50.1111, 83.5393



33.8268, 29.5954, 35.9336



8.8419, 8.6435, 10.6659



18.6156, 8.9638, 29.4656



0.5882, 0.2830, 0.9403

Inverse Universe

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



35.9591, 30.4483, 47.1624



62.1619, 50.1111, 83.5393



32.7544, 40.6945, 38.8245



8.8419, 8.6435, 10.6659



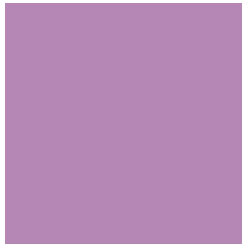
18.6156, 8.9638, 29.4656



0.5882, 0.2830, 0.9403

Previews

White Background



This preview shows how the XYZ color 35.9582, 30.4470, 47.1617 looks on a white background.

Color Contrast Check

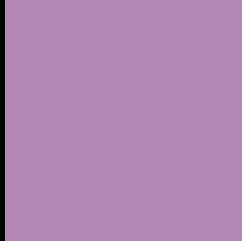
Large Text (above 18pt) WCAG AA × Fail

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 35.9582, 30.4470, 47.1617 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 ✓ Pass

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

XYZ 35.9582, 30.4470, 47.1617

Background



This preview shows how black text looks on a background with the XYZ color 35.9582, 30.4470, 47.1617.



This preview shows how white text looks on a background with the XYZ color 35.9582, 30.4470,

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

35.9582, 30.4470, 47.1617

Protanopia

30.7480, 30.7445, 52.4578

Deuteranopia

31.2321, 30.6611, 46.3916



Tritanopia

33.0955, 30.3376, 33.3896

Trichromacy



Original Color

35.9582, 30.4470, 47.1617

Protanomaly

32.3538, 30.4603, 50.6286

Deuteranomaly

32.8594, 30.5810, 46.8187

Tritanomaly

33.9702, 30.2506, 38.2309

Monochromacy



Original Color

35.9582, 30.4470, 47.1617

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.3544, 31.4043, 39.0067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9582, 30.4470, 47.1617 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(181, 135, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 135, 180)  
}
```

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(181, 135, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 135, 180) }
```

Border

The CSS property to change the border of an element to XYZ 35.9582, 30.4470, 47.1617 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(181, 135, 180) }
```


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

```
.border{ border-color:rgb(181, 135, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 135, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 135, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 135, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 135,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9582, 30.4470, 47.1617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 135, 180) }
```

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

```
.background{ background-color: rgb(181,  
135, 180) }
```

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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