

Converting Colors

XYZ(35.1101, 28.4851, 38.6728)

Have a look what the booklet for
XYZ(35.1101, 28.4851, 38.6728)
contains.

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Color

**XYZ(35.1480, 28.4209,
38.7552)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7EA4
RGB	189, 126, 164
RGB Percent	74%, 49%, 64%
CMY	0.2588, 0.5059, 0.3569
CMYK	0.00, 0.33, 0.13, 0.26
HSL	324°, 32%, 62%
HSV	324°, 33%, 74%
XYZ	35.1480, 28.4209, 38.7552
YIQ	149.1690, 25.3500, 25.1740

Conversions

Conversions Part 2

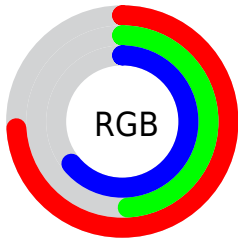
Format	Color
RYB	189, 126, 164
Decimal	12418724
CIELab	60.27, 30.15, -10.24
CIELCh	60, 31.842, 341.235
Yxy	28.4209, 0.3435, 0.2778
Android (android.graphics.Color)	4290608804 (0xFFBD7EA4)
YUV	149.1690, 7.3117, 34.9318
Hunter-Lab	53.3113, 24.3900, -5.7836

Details

The XYZ color **35.1480, 28.4209, 38.7552** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.3890, 43.0661, 35.8857**, and the grayscale version is **28.6017, 30.0912, 32.7693**.

A 20% lighter version of the original color is **66.9123, 56.9475, 74.4831**, and **15.5007, 11.4896, 16.7300** is the 20% darker color. If you saturate the color by 10%, you get **32.2983, 23.7734, 34.5614**, and if you desaturate by 10%, it is **38.4959, 34.0001, 43.3128**.

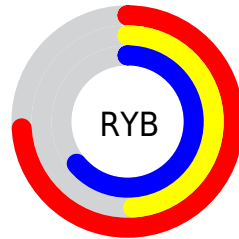
Distribution



Red (74%)

Green (49%)

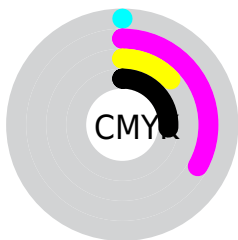
Blue (64%)



Red (74%)

Yellow (49%)

Blue (64%)

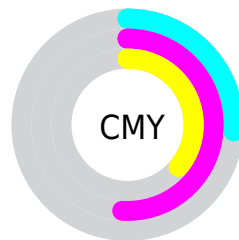


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (26%)



Cyan (26%)


Magenta (51%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1480, 28.4209, 38.7552 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 35.1480, 28.4209, 38.7552 by changing the saturation by 10% instead.


 35.1480, 28.4209,
38.7552


 35.1480, 28.4209,
38.7552

316.7177,
294.4727, 356.2434


 23.9440, 18.6432,
26.2630

 67.0475, 57.1557,
74.4804

 15.4166, 11.4127,
16.7929


 88.4736, 76.8816,
98.5505

 9.2005, 6.3452,
9.9266


 114.0379,
100.6924, 127.3169

 4.9303, 3.0561,
5.2453

144.1056,
128.9724, 161.1983

 2.2408, 1.1611,
2.3307

179.0420,
162.1060, 200.6130

 0.7641, 0.0296,
0.7483

219.2126,

 0.0000, 0.0000,

200.4777, 245.9798

0.0000

264.9827,
244.4718, 297.7171

■ 35.1480, 28.4209,
38.7552

■ 35.1480, 28.4209,
38.7552

■ 32.2983, 23.7734,
34.5614

■ 38.4959, 34.0001,
43.3128

■ 29.9178, 20.0019,
30.7175

■ 42.3639, 40.5548,
48.2438

■ 27.9783, 17.0507,
27.2109

■ 46.7756, 48.1309,
53.5597

■ 26.4474, 14.8561,
24.0273

■ 51.7524, 56.7700,
59.2707

■ 25.2879, 13.3447,
21.1505

■ 57.3144, 66.5117,
65.3866

■ 24.4550, 12.4286,
18.5620

■ 63.4809, 77.3931,
71.9167

■ 24.0235, 12.0337,
16.9748

■ 69.2065, 87.3229,
78.5157

■ 70.2017, 87.7210,
83.7564

■ 71.2418, 88.1371,
89.2335

Harmonies

Analogous

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



32.5246, 28.4209, 51.1166



35.1480, 28.4209, 38.7552



35.4670, 28.4209, 26.7690

Triad

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



35.1480, 28.4209, 38.7552



25.5125, 28.4209, 13.7182



21.5298, 28.4209, 48.2545

Complementary

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



35.1480, 28.4209, 38.7552



32.3890, 43.0661, 35.8857

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.



20.0224, 28.4209, 35.5354



35.1480, 28.4209, 38.7552



22.1625, 28.4209, 16.9316

Square

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



35.1480, 28.4209, 38.7552



29.6178, 28.4209, 14.1673



20.2417, 28.4209, 24.2625



24.5660, 28.4209, 57.4845

Rectangle

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



35.1480, 28.4209, 38.7552



34.2962, 28.4209, 20.6908



20.2417, 28.4209, 24.2625



20.8420, 28.4209, 44.1278

Sweetspot

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



35.1488, 28.4222, 38.7558



78.2714, 76.7341, 89.3475



29.2528, 25.0956, 51.4468



16.6008, 16.1056, 18.9314



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.1488, 28.4222, 38.7558



59.1348, 44.6600, 63.8580



32.7061, 27.4451, 25.8925



9.7652, 9.6304, 11.1528



16.2021, 8.1120, 11.6237



0.6661, 0.3303, 0.6207

Inverse Universe

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



35.1488, 28.4222, 38.7558



59.1348, 44.6600, 63.8580



35.2102, 44.1945, 50.7419



9.7652, 9.6304, 11.1528



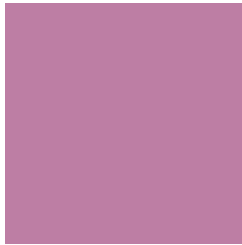
16.2021, 8.1120, 11.6237



0.6661, 0.3303, 0.6207

Previews

White Background



This preview shows how the XYZ color 35.1480, 28.4209, 38.7552 looks on a white background.

Color Contrast Check

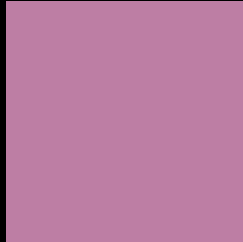
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1480, 28.4209, 38.7552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

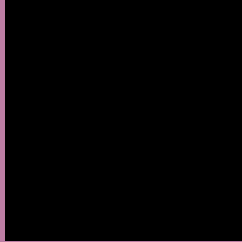
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1480, 28.4209, 38.7552

Background



This preview shows how black text looks on a background with the XYZ color 35.1480, 28.4209, 38.7552.



This preview shows how white text looks on a background with the XYZ color 35.1480, 28.4209,

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

35.1480, 28.4209, 38.7552

Protanopia

28.4572, 28.5701, 45.0890

Deuteranopia

29.2429, 28.6915, 37.7150



Tritanopia

32.9660, 28.2978, 28.5355

Trichromacy



Original Color

35.1480, 28.4209, 38.7552

Protanomaly

30.2967, 28.0380, 42.8448

Deuteranomaly

31.0516, 28.3239, 38.0129

Tritanomaly

33.7686, 28.4352, 32.1425

Monochromacy



Original Color

35.1480, 28.4209, 38.7552

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.6675, 29.2754, 34.6062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1480, 28.4209, 38.7552 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(189, 126, 164)` looks like.

```
.text, #text, p{  
    color:rgb(189, 126, 164)  
}
```

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(189, 126, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 126, 164) }
```

Border

The CSS property to change the border of an element to XYZ 35.1480, 28.4209, 38.7552 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(189, 126, 164) }
```


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

```
.border{ border-color:rgb(189, 126, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 126, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 126, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 126, 164);  
box-shadow:4px 4px 4px 4px rgb(189, 126,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1480, 28.4209, 38.7552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 126, 164) }
```

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

```
.background{ background-color: rgb(189,  
126, 164) }
```

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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