

Converting Colors

XYZ(42.2315, 35.5592, 50.8134)

Have a look what the booklet for
XYZ(42.2315, 35.5592, 50.8134)
contains.

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Color

**XYZ(42.2834, 35.5914,
50.5402)**

Conversions

Conversions Part 1

Format	Color
Hex	C790B9
RGB	199, 144, 185
RGB Percent	78%, 56%, 73%
CMY	0.2196, 0.4353, 0.2745
CMYK	0.00, 0.28, 0.07, 0.22
HSL	315°, 33%, 67%
HSV	315°, 28%, 78%
XYZ	42.2834, 35.5914, 50.5402
YIQ	165.1190, 19.6190, 24.4110

Conversions

Conversions Part 2

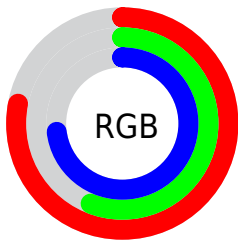
Format	Color
R _Y B	199, 144, 185
Decimal	13078713
CIE Lab	66.21, 27.35, -13.12
CIE LCh	66, 30.337, 334.378
Yxy	35.5914, 0.3293, 0.2772
Android (android.graphics.Color)	4291268793 (0xFFC790B9)
YUV	165.1190, 9.8013, 29.7136
Hunter-Lab	59.6585, 22.1107, -8.4670

Details

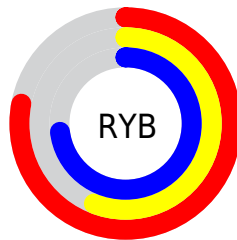
The XYZ color **42.2834, 35.5914, 50.5402** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.0980, 49.2458, 39.8473**, and the grayscale version is **35.7700, 37.6328, 40.9822**.

A 20% lighter version of the original color is **77.3113, 67.9990, 92.2695**, and **19.5808, 15.4239, 23.7749** is the 20% darker color. If you saturate the color by 10%, you get **39.0058, 29.8764, 46.8562**, and if you desaturate by 10%, it is **46.1134, 42.3797, 54.5031**.

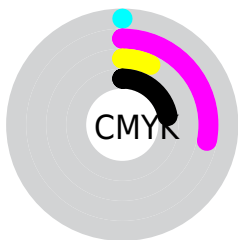
Distribution



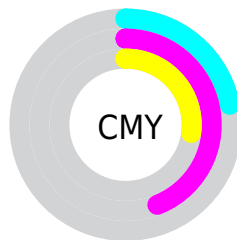
- Red (78%)
- Green (56%)
- Blue (73%)



- Red (78%)
- Yellow (56%)
- Blue (73%)



- Cyan (0%)
- Magenta (28%)
- Yellow (7%)
- Black (22%)





- Cyan (22%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2834, 35.5914, 50.5402 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 42.2834, 35.5914, 50.5402 by changing the saturation by 10% instead.


 42.2834, 35.5914,
50.5402


 42.2834, 35.5914,
50.5402

346.6281,
327.1711, 405.5701

 29.5153, 24.1188,
35.4686


 77.8908, 68.4009,
92.3793

 19.6173, 15.4218,
23.7377


 101.4609, 90.5067,
119.9839

 12.2238, 9.1159,
14.9287

129.3624,
116.9255, 152.6032

 6.9695, 4.8169,
8.6233

161.9606,
148.0420, 190.6558

 3.4892, 2.1402,
4.4029

199.6209,
184.2403, 234.5603

 1.4174, 0.6871,
1.8489

242.7087,

 0.2686, 0.0000,

225.9050, 284.7352

0.4599

291.5893,
273.4205, 341.5989

■ 0.0000, 0.0000,
0.0000

■ 42.2834, 35.5914,
50.5402

■ 42.2834, 35.5914,
50.5402

■ 39.0058, 29.8764,
46.8562

■ 46.1134, 42.3797,
54.5031

■ 36.2494, 25.1741,
43.4387

■ 50.5188, 50.2883,
58.7524

■ 33.9846, 21.4251,
40.2770

■ 55.5248, 59.3673,
63.2978

■ 32.1774, 18.5619,
37.3590

■ 61.1545, 69.6620,
68.1480

■ 30.7895, 16.5080,
34.6709

■ 67.4295, 81.2158,
73.3110

■ 29.7760, 15.1740,
32.1966

■ 71.6302, 88.5889,
77.8812

■ 29.0726, 14.4316,
29.9136

■ 72.2930, 88.8541,
81.3716

■ 28.9259, 14.2912,
29.3933

■ 72.9762, 89.1273,
84.9692

■ 73.6799, 89.4088,
88.6750

Harmonies

Analogous

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



38.9758, 35.5914, 63.1322



42.2834, 35.5914, 50.5402



43.2527, 35.5914, 36.8841

Triad

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



42.2834, 35.5914, 50.5402



33.1695, 35.5914, 18.8599



27.1522, 35.5914, 54.5707

Complementary

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



42.2834, 35.5914, 50.5402



38.0980, 49.2458, 39.8473

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.



25.8836, 35.5914, 40.6840



42.2834, 35.5914, 50.5402



29.1557, 35.5914, 21.6298

Square

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



42.2834, 35.5914, 50.5402



37.7266, 35.5914, 20.3673



26.5833, 35.5914, 28.9577



30.2087, 35.5914, 65.7992

Rectangle

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



42.2834, 35.5914, 50.5402



42.3759, 35.5914, 29.3624



26.5833, 35.5914, 28.9577



26.5155, 35.5914, 49.9584

Sweetspot

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



42.2845, 35.5930, 50.5409



88.0590, 87.3379, 102.5005



34.3350, 31.3156, 58.2683



18.5835, 18.2167, 21.6899



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.2845, 35.5930, 50.5409



70.5654, 56.2455, 84.6620



39.6778, 34.5503, 36.8143



10.9633, 10.7687, 12.7901



18.6368, 9.2043, 19.0949



0.9105, 0.4470, 1.0518

Inverse Universe

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



42.2845, 35.5930, 50.5409



70.5654, 56.2455, 84.6620



40.7096, 50.2905, 53.5999



10.9633, 10.7687, 12.7901



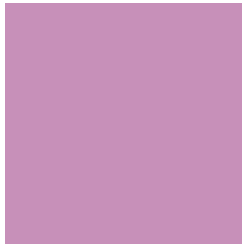
18.6368, 9.2043, 19.0949



0.9105, 0.4470, 1.0518

Previews

White Background



This preview shows how the XYZ color 42.2834, 35.5914, 50.5402 looks on a white background.

Color Contrast Check

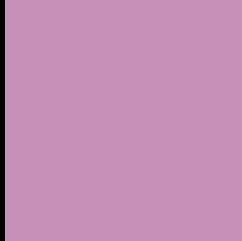
Large Text (above 18pt) WCAG AA × Fail

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 42.2834, 35.5914, 50.5402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

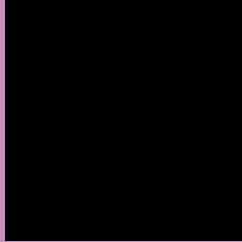
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2834, 35.5914, 50.5402

Background



This preview shows how black text looks on a background with the XYZ color 42.2834, 35.5914, 50.5402.



This preview shows how white text looks on a background with the XYZ color 42.2834, 35.5914,

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

42.2834, 35.5914, 50.5402

Protanopia

35.6715, 35.8994, 57.2737

Deuteranopia

36.5406, 35.7483, 49.7740



Tritanopia

39.8576, 35.7687, 38.0610

Trichromacy



Original Color

42.2834, 35.5914, 50.5402

Protanomaly

37.6476, 35.4630, 54.7300

Deuteranomaly

38.4704, 35.5009, 50.1721

Tritanomaly

40.6211, 35.6023, 42.2671

Monochromacy



Original Color

42.2834, 35.5914, 50.5402

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.6348, 36.4396, 44.0797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2834, 35.5914, 50.5402 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(199, 144, 185)` looks like.

```
.text, #text, p{  
    color:rgb(199, 144, 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(199, 144, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 144, 185) }
```

Border

The CSS property to change the border of an element to XYZ 42.2834, 35.5914, 50.5402 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(199, 144, 185) }
```


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

```
.border{ border-color:rgb(199, 144, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 144, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 144, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 144, 185);  
box-shadow:4px 4px 4px 4px rgb(199, 144,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2834, 35.5914, 50.5402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 144, 185) }
```

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

```
.background{ background-color: rgb(199,  
144, 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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