

Converting Colors

XYZ(42.6322, 35.4541, 47.7518)

Have a look what the booklet for
XYZ(42.6322, 35.4541, 47.7518)
contains.

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Color

**XYZ(42.5398, 35.3378,
47.7588)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8EB4
RGB	203, 142, 180
RGB Percent	80%, 56%, 71%
CMY	0.2039, 0.4431, 0.2941
CMYK	0.00, 0.30, 0.11, 0.20
HSL	323°, 37%, 68%
HSV	323°, 30%, 80%
XYZ	42.5398, 35.3378, 47.7588
YIQ	164.5710, 24.1580, 24.7500

Conversions

Conversions Part 2

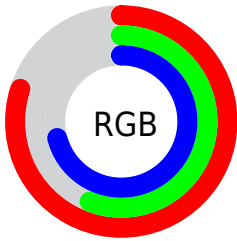
Format	Color
R_{YB}	203, 142, 180
Decimal	13340340
CIE _{Lab}	66.01, 28.97, -10.56
CIE _{LCh}	66, 30.833, 339.968
Yxy	35.3378, 0.3386, 0.2813
Android (android.graphics.Color)	4291530420 (0xFFCB8EB4)
YUV	164.5710, 7.6065, 33.7022
Hunter-Lab	59.4456, 23.7064, -6.0219

Details

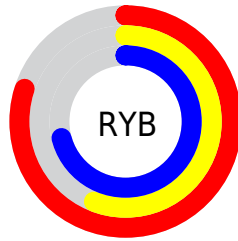
The XYZ color **42.5398, 35.3378, 47.7588** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.3042, 51.1802, 43.4068**, and the grayscale version is **35.5164, 37.3661, 40.6916**.

A 20% lighter version of the original color is **76.1202, 66.7960, 88.2378**, and **19.7846, 15.3104, 21.9911** is the 20% darker color. If you saturate the color by 10%, you get **39.0319, 29.5352, 42.8480**, and if you desaturate by 10%, it is **46.6429, 42.2609, 53.0813**.

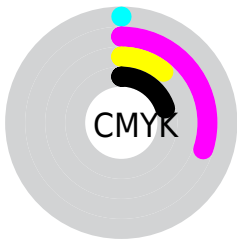
Distribution



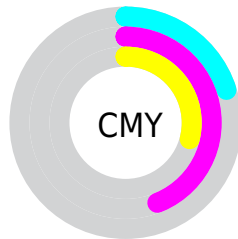
- Red (80%)
- Green (56%)
- Blue (71%)



- Red (80%)
- Yellow (56%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5398, 35.3378, 47.7588 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 42.5398, 35.3378, 47.7588 by changing the saturation by 10% instead.


 42.5398, 35.3378,
47.7588


 42.5398, 35.3378,
47.7588

347.6694,
326.0569, 394.3164

 29.7172, 23.9232,
33.2773


 78.2760, 68.0087,
88.2070

 19.7710, 15.2767,
22.0661


 101.9202, 90.0339,
115.0107

 12.3360, 9.0138,
13.7067


 129.9024,
116.3647, 146.7590

 7.0468, 4.7502,
7.7805

162.5879,
147.3855, 183.8702

 3.5380, 2.1014,
3.8691

200.3419,
183.4807, 226.7630

 1.4442, 0.6654,
1.5538

243.5300,

 0.2874, 0.0000,

225.0347, 275.8560

0.2575

292.5174,
272.4320, 331.5676

■ 0.0000, 0.0000,
0.0000

■ 42.5398, 35.3378,
47.7588

■ 42.5398, 35.3378,
47.7588

■ 39.0319, 29.5352,
42.8480

■ 46.6429, 42.2609,
53.0813

■ 36.0854, 24.7882,
38.3330

■ 51.3664, 50.3551,
58.8260

■ 33.6680, 21.0326,
34.2001


■ 56.7376, 59.6738,
65.0057

■ 31.7426, 18.1954,
30.4332


■ 62.7815, 70.2658,
71.6318


■ 30.2668, 16.1933,
27.0146


■ 69.5216, 82.1770,
78.7153


 29.1908, 14.9274,
23.9238

 74.1065, 89.7037,
85.3088

 28.4241, 14.2147,
21.1385

 75.1802, 90.1332,
90.9633

 76.3015, 90.5817,
96.8679

 77.4709, 91.0494,
103.0256

Harmonies

Analogous

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



39.5554, 35.3378, 61.1710



42.5398, 35.3378, 47.7588



43.0086, 35.3378, 34.2821

Triad

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



42.5398, 35.3378, 47.7588



32.0890, 35.3378, 18.6293



27.2920, 35.3378, 57.0161

Complementary

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



42.5398, 35.3378, 47.7588



39.3042, 51.1802, 43.4068

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.



25.6537, 35.3378, 43.0005



42.5398, 35.3378, 47.7588



28.2523, 35.3378, 22.2304

Square

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



42.5398, 35.3378, 47.7588



36.6889, 35.3378, 19.3428



25.9885, 35.3378, 30.4829



30.6660, 35.3378, 67.3002

Rectangle

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



42.5398, 35.3378, 47.7588



41.7911, 35.3378, 27.2234



25.9885, 35.3378, 30.4829



26.5346, 35.3378, 52.4694

Sweetspot

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



42.5408, 35.3394, 47.7595



86.7984, 85.6765, 99.4301



35.8396, 31.5912, 60.7091



18.3113, 17.8774, 20.9667



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.



42.5408, 35.3394, 47.7595



67.3420, 52.7132, 74.6030



39.8187, 34.2505, 33.4247



11.5012, 11.3292, 13.1740



18.1343, 9.0643, 13.6917



0.9717, 0.4821, 0.8966

Inverse Universe

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



42.5408, 35.3394, 47.7595



67.3420, 52.7132, 74.6030



42.3477, 52.3976, 59.4333



11.5012, 11.3292, 13.1740



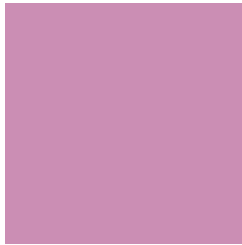
18.1343, 9.0643, 13.6917



0.9717, 0.4821, 0.8966

Previews

White Background



This preview shows how the XYZ color 42.5398, 35.3378, 47.7588 looks on a white background.

Color Contrast Check

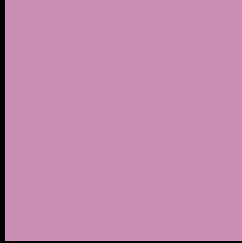
Large Text (above 18pt) WCAG AA × Fail

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 42.5398, 35.3378, 47.7588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

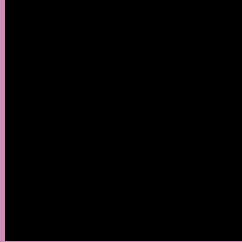
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5398, 35.3378, 47.7588

Background



This preview shows how black text looks on a background with the XYZ color 42.5398, 35.3378, 47.7588.



This preview shows how white text looks on a background with the XYZ color 42.5398, 35.3378,

47.7588.

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

42.5398, 35.3378, 47.7588

Protanopia

35.1285, 35.4279, 54.2770

Deuteranopia

36.1865, 35.3863, 46.5180



Tritanopia

40.1841, 35.2715, 36.5884

Trichromacy



Original Color

42.5398, 35.3378, 47.7588

Protanomaly

37.3741, 35.1410, 51.8268

Deuteranomaly

38.1585, 35.1713, 46.8971

Tritanomaly

41.0043, 35.3849, 40.2661

Monochromacy



Original Color

42.5398, 35.3378, 47.7588

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.9031, 36.5999, 43.0970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5398, 35.3378, 47.7588 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(203, 142, 180)` looks like.

```
.text, #text, p{  
    color:rgb(203, 142, 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(203, 142, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 142, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.5398, 35.3378, 47.7588 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(203, 142, 180) }
```


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

```
.border{ border-color:rgb(203, 142, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 142, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 142, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 142, 180);  
box-shadow:4px 4px 4px 4px rgb(203, 142,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5398, 35.3378, 47.7588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 142, 180) }
```

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

```
.background{ background-color: rgb(203,  
142, 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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