

Converting Colors

XYZ(42.0260, 35.5785, 46.8949)

Have a look what the booklet for
XYZ(42.0260, 35.5785, 46.8949)
contains.

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Color

**XYZ(42.0965, 35.5784,
46.7681)**

Conversions

Conversions Part 1

Format	Color
Hex	C990B2
RGB	201, 144, 178
RGB Percent	79%, 56%, 70%
CMY	0.2118, 0.4353, 0.3020
CMYK	0.00, 0.28, 0.11, 0.21
HSL	324°, 35%, 68%
HSV	324°, 28%, 79%
XYZ	42.0965, 35.5784, 46.7681
YIQ	164.9190, 23.0580, 22.6580

Conversions

Conversions Part 2

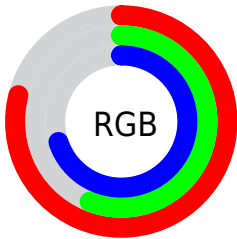
Format	Color
R_{YB}	201, 144, 178
Decimal	13209778
CIE _{Lab}	66.20, 26.83, -9.18
CIE _{LCh}	66, 28.362, 341.108
Yxy	35.5784, 0.3383, 0.2859
Android (android.graphics.Color)	4291399858 (0xFFC990B2)
YUV	164.9190, 6.4489, 31.6430
Hunter-Lab	59.6476, 21.5936, -4.7343

Details

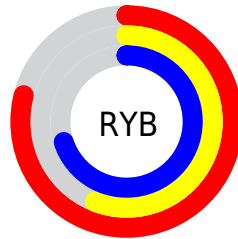
The XYZ color **42.0965, 35.5784, 46.7681** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.3647, 50.4935, 44.2329**, and the grayscale version is **35.6886, 37.5472, 40.8889**.

A 20% lighter version of the original color is **76.2854, 67.5887, 86.8671**, and **19.4701, 15.4204, 21.3523** is the 20% darker color. If you saturate the color by 10%, you get **38.5286, 29.7072, 41.6790**, and if you desaturate by 10%, it is **46.2567, 42.5561, 52.2930**.

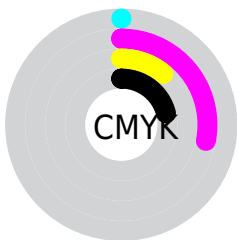
Distribution



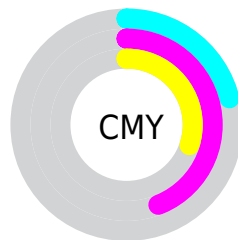
- Red (79%)
- Green (56%)
- Blue (70%)



- Red (79%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (28%)
- Yellow (11%)
- Black (21%)





- Cyan (21%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0965, 35.5784, 46.7681 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 42.0965, 35.5784, 46.7681 by changing the saturation by 10% instead.


 42.0965, 35.5784,
46.7681

 42.0965, 35.5784,
46.7681


345.8676,
327.1140, 390.2551

 29.3683, 24.1088,
32.4993


 77.6099, 68.3808,
86.7137

 19.5053, 15.4143,
21.4752


 101.1258, 90.4824,
113.2277

 12.1421, 9.1107,
13.2772


128.9683,
116.8968, 144.6604

 6.9134, 4.8134,
7.4867

161.5028,
148.0083, 181.4305

 3.4539, 2.1382,
3.6853

199.0947,
184.2014, 223.9564

 1.3981, 0.6860,
1.4543

242.1092,

 0.2549, 0.0000,

225.8605, 272.6568

0.1836

290.9117,
273.3699, 327.9502

■ 0.0000, 0.0000,
0.0000

■ 42.0965, 35.5784,
46.7681

■ 42.0965, 35.5784,
46.7681

■ 38.5286, 29.7072,
41.6790

■ 46.2567, 42.5561,
52.2930

■ 35.5202, 24.8798,
37.0096

■ 51.0334, 50.6889,
58.2646

■ 33.0401, 21.0345,
32.7457

■ 56.4533, 60.0286,
64.6960

■ 31.0526, 18.1015,
28.8710

■ 62.5407, 70.6223,
71.5992

■ 29.5173, 16.0012,
25.3677

■ 69.3183, 82.5146,
78.9853

■ 28.3868, 14.6405,
22.2155

■ 73.6668, 89.4653,
85.8183

■ 27.5883, 13.8753,
19.3853

■ 74.8109, 89.9229,
91.8433

■ 27.4711, 13.7710,
18.9446

■ 76.0085, 90.4020,
98.1496

■ 77.2602, 90.9026,
104.7410

Harmonies

Analogous

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



39.4416, 35.5784, 59.0387



42.0965, 35.5784, 46.7681



42.4276, 35.5784, 34.4285

Triad

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



42.0965, 35.5784, 46.7681



32.2756, 35.5784, 20.1047



28.0588, 35.5784, 56.1311

Complementary

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



42.0965, 35.5784, 46.7681



39.3647, 50.4935, 44.2329

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.



26.4568, 35.5784, 43.3947



42.0965, 35.5784, 46.7681



28.7528, 35.5784, 23.7240

Square

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



42.0965, 35.5784, 46.7681



36.5145, 35.5784, 20.6371



26.6998, 35.5784, 31.6855



31.2543, 35.5784, 65.1739

Rectangle

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



42.0965, 35.5784, 46.7681



41.2570, 35.5784, 27.9220



26.6998, 35.5784, 31.6855



27.3286, 35.5784, 52.0406

Sweetspot

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



42.0975, 35.5800, 46.7688



86.7052, 85.6392, 98.9390



36.4115, 32.3592, 59.5856



18.2883, 17.8682, 20.8456



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.



42.0975, 35.5800, 46.7688



68.2182, 54.5442, 74.6522



39.5428, 34.5581, 33.3158



10.8949, 10.7414, 12.4299



17.3190, 8.6771, 12.1554



0.8552, 0.4249, 0.7608

Inverse Universe

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



42.0975, 35.5800, 46.7688



68.2182, 54.5442, 74.6522



42.2737, 51.6571, 59.5511



10.8949, 10.7414, 12.4299



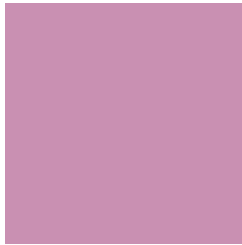
17.3190, 8.6771, 12.1554



0.8552, 0.4249, 0.7608

Previews

White Background



This preview shows how the XYZ color 42.0965, 35.5784, 46.7681 looks on a white background.

Color Contrast Check

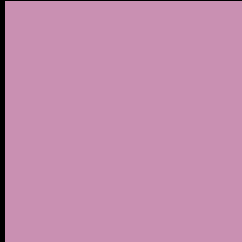
Large Text (above 18pt) WCAG AA × Fail

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 42.0965, 35.5784, 46.7681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

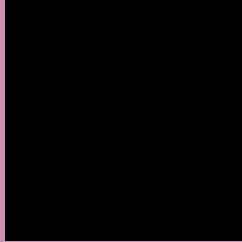
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0965, 35.5784, 46.7681

Background



This preview shows how black text looks on a background with the XYZ color 42.0965, 35.5784, 46.7681.



This preview shows how white text looks on a background with the XYZ color 42.0965, 35.5784,

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

42.0965, 35.5784, 46.7681

Protanopia

35.3582, 35.8404, 52.6313

Deuteranopia

36.4710, 35.7946, 46.0611



Tritanopia

40.2449, 35.5128, 37.5344

Trichromacy



Original Color

42.0965, 35.5784, 46.7681

Protanomaly

37.2206, 35.3426, 50.2075

Deuteranomaly

38.2201, 35.4546, 46.4240

Tritanomaly

40.9812, 35.5903, 40.7861

Monochromacy



Original Color

42.0965, 35.5784, 46.7681

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.6728, 36.4812, 43.0862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0965, 35.5784, 46.7681 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(201, 144, 178)` looks like.

```
.text, #text, p{  
    color:rgb(201, 144, 178)  
}
```

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(201, 144, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 144, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.0965, 35.5784, 46.7681 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(201, 144, 178) }
```


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

```
.border{ border-color:rgb(201, 144, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 144, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 144, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 144, 178);  
box-shadow:4px 4px 4px 4px rgb(201, 144,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0965, 35.5784, 46.7681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 144, 178) }
```

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

```
.background{ background-color: rgb(201,  
144, 178) }
```

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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