

Converting Colors

XYZ(41.7927, 35.2712, 41.7806)

Have a look what the booklet for
XYZ(41.7927, 35.2712, 41.7806)
contains.

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Color

**XYZ(41.7922, 35.3094,
41.6585)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8FA8
RGB	204, 143, 168
RGB Percent	80%, 56%, 66%
CMY	0.2000, 0.4392, 0.3412
CMYK	0.00, 0.30, 0.18, 0.20
HSL	335°, 37%, 68%
HSV	335°, 30%, 80%
XYZ	41.7922, 35.3094, 41.6585
YIQ	164.0890, 28.3310, 20.7070

Conversions

Conversions Part 2

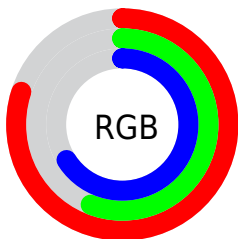
Format	Color
R_{YB}	204, 143, 168
Decimal	13406120
CIE _{Lab}	65.99, 26.81, -3.83
CIE _{LCh}	66, 27.081, 351.864
Yxy	35.3094, 0.3519, 0.2973
Android (android.graphics.Color)	4291596200 (0xFFCC8FA8)
YUV	164.0890, 1.9281, 35.0019
Hunter-Lab	59.4217, 21.5538, 0.0290

Details

The XYZ color **41.7922, 35.3094, 41.6585** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0587, 52.2810, 50.5775**, and the grayscale version is **35.3114, 37.1504, 40.4568**.

A 20% lighter version of the original color is **74.5255, 66.5202, 78.7238**, and **19.3740, 15.3048, 18.4560** is the 20% darker color. If you saturate the color by 10%, you get **37.9335, 29.3045, 35.0921**, and if you desaturate by 10%, it is **46.3137, 42.4728, 48.9590**.

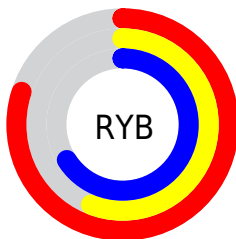
Distribution



Red (80%)

Green (56%)

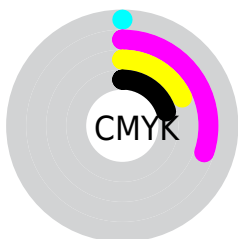
Blue (66%)



Red (80%)

Yellow (56%)

Blue (66%)

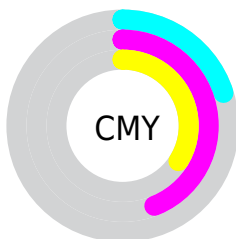


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (20%)



Cyan (20%)


Magenta (44%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7922, 35.3094, 41.6585 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 41.7922, 35.3094, 41.6585 by changing the saturation by 10% instead.


 41.7922, 35.3094,
41.6585


 41.7922, 35.3094,
41.6585

344.6271,
325.9319, 368.8231

 29.1290, 23.9013,
28.5104


 77.1522, 67.9648,
78.9470

 19.3232, 15.2604,
18.4684


 100.5797, 89.9809,
103.9245

 12.0094, 9.0024,
11.1139


128.3260,
116.3018, 133.6823

 6.8224, 4.7427,
6.0283

160.7564,
147.3119, 168.6388

 3.3966, 2.0971,
2.7933

198.2364,
183.3955, 209.2125

 1.3668, 0.6630,
0.9901

241.1313,

 0.2324, 0.0000,

224.9371, 255.8222

0.0000

289.8064,
272.3211, 308.8862

■ 0.0000, 0.0000,
0.0000

■ 41.7922, 35.3094,
41.6585

■ 41.7922, 35.3094,
41.6585

■ 37.9335, 29.3045,
35.0921

■ 46.3137, 42.4728,
48.9590

■ 34.7015, 24.3917,
29.2329

■ 51.5255, 50.8468,
57.0151

■ 32.0613, 20.5053,
24.0551

■ 57.4573, 60.4862,
65.8497

■ 29.9730, 17.5705,
19.5303

■ 64.1362, 71.4409,
75.4844

■ 28.3913, 15.5021,
15.6275

■ 71.5876, 83.7581,
85.9394

■ 27.2633, 14.1995,
12.3124

■ 76.4262, 90.6631,
96.0981

■ 26.4936, 13.4776,
9.5352

■ 78.2775, 91.4036,
105.8468

■ 26.4866, 13.4713,
9.5097

■ 78.7121, 91.5775,
108.1354

Harmonies

Analogous

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



40.0021, 35.3094, 53.7687



41.7922, 35.3094, 41.6585



41.2421, 35.3094, 30.7903

Triad

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



41.7922, 35.3094, 41.6585



30.7685, 35.3094, 21.3692



29.0180, 35.3094, 58.5759

Complementary

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



41.7922, 35.3094, 41.6585



41.0587, 52.2810, 50.5775

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.



26.8974, 35.3094, 47.2757



41.7922, 35.3094, 41.6585



27.8505, 35.3094, 26.3516

Square

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



41.7922, 35.3094, 41.6585



34.6643, 35.3094, 20.4584



26.4876, 35.3094, 35.4029



32.4805, 35.3094, 64.7301

Rectangle

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



41.7922, 35.3094, 41.6585



39.6405, 35.3094, 25.5048



26.4876, 35.3094, 35.4029



28.1364, 35.3094, 55.1578

Sweetspot

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



41.7932, 35.3110, 41.6592



86.0559, 85.3795, 95.5201



39.2172, 33.5405, 61.5342



18.1285, 17.8043, 20.0040



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.



41.7932, 35.3110, 41.6592



64.8941, 51.7340, 61.7125



40.4640, 36.0282, 30.8099



11.3997, 11.2886, 12.6396



16.7146, 8.4964, 6.2158



0.8997, 0.4533, 0.5176

Inverse Universe

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



41.7932, 35.3110, 41.6592



64.8941, 51.7340, 61.7125



42.6322, 51.0088, 64.7260



11.3997, 11.2886, 12.6396



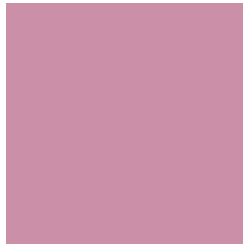
16.7146, 8.4964, 6.2158



0.8997, 0.4533, 0.5176

Previews

White Background



This preview shows how the XYZ color 41.7922, 35.3094, 41.6585 looks on a white background.

Color Contrast Check

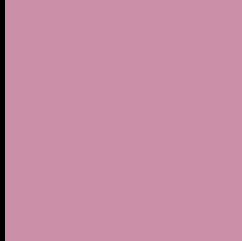
Large Text (above 18pt) WCAG AA × Fail

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 41.7922, 35.3094, 41.6585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

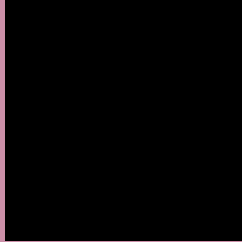
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7922, 35.3094, 41.6585

Background



This preview shows how black text looks on a background with the XYZ color 41.7922, 35.3094, 41.6585.



This preview shows how white text looks on a background with the XYZ color 41.7922, 35.3094,

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

41.7922, 35.3094, 41.6585

Protanopia

34.7072, 35.6251, 47.1665

Deuteranopia

36.2270, 35.5288, 41.0248



Tritanopia

40.7548, 35.3476, 36.1273

Trichromacy



Original Color

41.7922, 35.3094, 41.6585

Protanomaly

36.8748, 35.2812, 44.9108

Deuteranomaly

38.0492, 35.2375, 41.3553

Tritanomaly

40.9470, 35.1811, 37.8902

Monochromacy



Original Color

41.7922, 35.3094, 41.6585

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.2704, 36.0773, 40.5966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7922, 35.3094, 41.6585 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(204, 143, 168)` looks like.

```
.text, #text, p{  
    color:rgb(204, 143, 168)  
}
```

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(204, 143, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 143, 168) }
```

Border

The CSS property to change the border of an element to XYZ 41.7922, 35.3094, 41.6585 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(204, 143, 168) }
```


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

```
.border{ border-color:rgb(204, 143, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 143, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 143, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 143, 168);  
box-shadow:4px 4px 4px 4px rgb(204, 143,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7922, 35.3094, 41.6585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 143, 168) }
```

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

```
.background{ background-color: rgb(204,  
143, 168) }
```

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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