

Converting Colors

XYZ(43.2978, 35.8732, 49.7058)

Have a look what the booklet for
XYZ(43.2978, 35.8732, 49.7058)
contains.

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Color

**XYZ(43.2715, 35.9012,
49.4487)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8FB7
RGB	204, 143, 183
RGB Percent	80%, 56%, 72%
CMY	0.2000, 0.4392, 0.2823
CMYK	0.00, 0.30, 0.10, 0.20
HSL	321°, 37%, 68%
HSV	321°, 30%, 80%
XYZ	43.2715, 35.9012, 49.4487
YIQ	165.7990, 23.5160, 25.3720

Conversions

Conversions Part 2

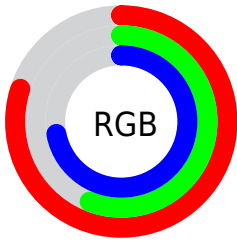
Format	Color
R_{YB}	204, 143, 183
Decimal	13406135
CIE _{Lab}	66.44, 29.28, -11.59
CIE _{LCh}	66, 31.488, 338.412
Yxy	35.9012, 0.3364, 0.2791
Android (android.graphics.Color)	4291596215 (0xFFCC8FB7)
YUV	165.7990, 8.4801, 33.5023
Hunter-Lab	59.9176, 24.0539, -6.9884

Details

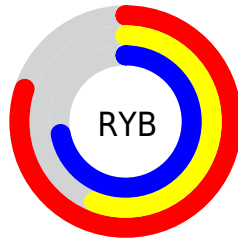
The XYZ color **43.2715, 35.9012, 49.4487** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.6229, 51.7066, 43.0163**, and the grayscale version is **36.1018, 37.9819, 41.3623**.

A 20% lighter version of the original color is **76.7862, 67.4245, 90.6285**, and **20.2508, 15.6556, 23.0736** is the 20% darker color. If you saturate the color by 10%, you get **39.7703, 30.0393, 44.7646**, and if you desaturate by 10%, it is **47.3682, 42.8947, 54.5120**.

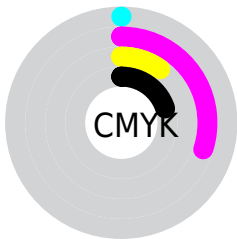
Distribution



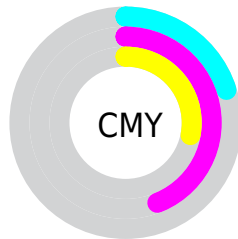
- Red (80%)
- Green (56%)
- Blue (72%)



- Red (80%)
- Yellow (56%)
- Blue (72%)



- Cyan (0%)
- Magenta (30%)
- Yellow (10%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2715, 35.9012, 49.4487 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 43.2715, 35.9012, 49.4487 by changing the saturation by 10% instead.


 43.2715, 35.9012,
49.4487


 43.2715, 35.9012,
49.4487

350.6297,
328.5285, 401.1792

 30.2936, 24.3579,
34.6074

 79.3736, 68.8795,
90.7454

 20.2108, 15.5993,
23.0795


 103.2285, 91.0834,
118.0379

 12.6575, 9.2411,
14.4464


131.4398,
117.6095, 150.3179

 7.2685, 4.8988,
8.2895

164.3729,
148.8423, 188.0039

 3.6784, 2.1880,
4.1903

202.3930,
185.1663, 231.5145

 1.5218, 0.7134,
1.7303

245.8657,

 0.3406, 0.0000,

226.9657, 281.2683

0.3814

295.1561,
274.6249, 337.6836

■ 0.0000, 0.0000,
0.0000

■ 43.2715, 35.9012,
49.4487

■ 43.2715, 35.9012,
49.4487

■ 39.7703, 30.0393,
44.7646

■ 47.3682, 42.8947,
54.5120

■ 36.8307, 25.2434,
40.4448

■ 52.0856, 51.0709,
59.9644

■ 34.4200, 21.4488,
36.4760

■ 57.4513, 60.4839,
65.8180

■ 32.5011, 18.5818,
32.8432

■ 63.4904, 71.1826,
72.0835

■ 31.0312, 16.5581,
29.5293

■ 70.2264, 83.2136,
78.7711

■ 29.9603, 15.2783,
26.5148

■ 74.2719, 89.8014,
84.7541

■ 29.1960, 14.5586,
23.7660

■ 75.2509, 90.1930,
89.9095

■ 29.1888, 14.5522,
23.7394

■ 76.2698, 90.6006,
95.2750

■ 77.3291, 91.0243,
100.8529

Harmonies

Analogous

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



40.0747, 35.9012, 63.1834



43.2715, 35.9012, 49.4487



43.9057, 35.9012, 35.4119

Triad

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



43.2715, 35.9012, 49.4487



32.8132, 35.9012, 18.6119



27.4975, 35.9012, 57.5540

Complementary

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



43.2715, 35.9012, 49.4487



39.6229, 51.7066, 43.0163

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.



25.9134, 35.9012, 43.0150



43.2715, 35.9012, 49.4487



28.7918, 35.9012, 22.0636

Square

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



43.2715, 35.9012, 49.4487



37.5704, 35.9012, 19.5686



26.3644, 35.9012, 30.2900



30.8932, 35.9012, 68.5632

Rectangle

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



43.2715, 35.9012, 49.4487



42.7392, 35.9012, 27.9869



26.3644, 35.9012, 30.2900



26.7504, 35.9012, 52.7993

Sweetspot

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



43.2726, 35.9028, 49.4494



86.9144, 85.7229, 100.0408



35.8957, 31.8282, 61.3787



18.3399, 17.8889, 21.1175



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.



43.2726, 35.9028, 49.4494



67.7453, 52.8745, 76.7267



40.4891, 34.7895, 34.7921



11.5171, 11.3356, 13.2575



18.4169, 9.1774, 15.1800



0.9849, 0.4874, 0.9665

Inverse Universe

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



43.2726, 35.9028, 49.4494



67.7453, 52.8745, 76.7267



42.6406, 52.9138, 58.9076



11.5171, 11.3356, 13.2575



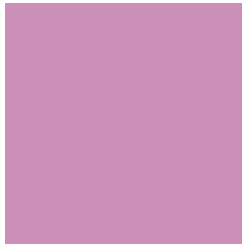
18.4169, 9.1774, 15.1800



0.9849, 0.4874, 0.9665

Previews

White Background



This preview shows how the XYZ color 43.2715, 35.9012, 49.4487 looks on a white background.

Color Contrast Check

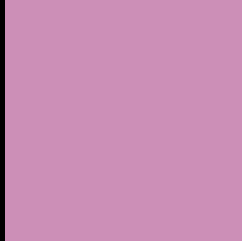
Large Text (above 18pt) WCAG AA × Fail

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 43.2715, 35.9012, 49.4487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

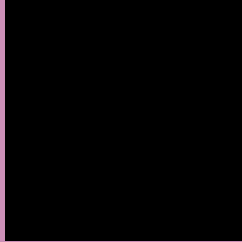
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2715, 35.9012, 49.4487

Background



This preview shows how black text looks on a background with the XYZ color 43.2715, 35.9012, 49.4487.



This preview shows how white text looks on a background with the XYZ color 43.2715, 35.9012,

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

43.2715, 35.9012, 49.4487

Protanopia

35.9387, 36.0503, 56.6940

Deuteranopia

36.8273, 36.1840, 48.2232



Tritanopia

40.7791, 35.7881, 37.5594

Trichromacy



Original Color

43.2715, 35.9012, 49.4487

Protanomaly

38.1932, 35.7570, 54.1790

Deuteranomaly

39.0231, 36.0637, 48.6203

Tritanomaly

41.7039, 35.9415, 41.7852

Monochromacy



Original Color

43.2715, 35.9012, 49.4487

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.4956, 37.1356, 44.1687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2715, 35.9012, 49.4487 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(204, 143, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 143, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.2715, 35.9012, 49.4487 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, 183) }
```


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

```
.border{ border-color:rgb(204, 143, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 143, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 143, 183);  
box-shadow:4px 4px 4px 4px rgb(204, 143,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2715, 35.9012, 49.4487 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, 183) }
```

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

```
.background{ background-color: rgb(204,  
143, 183) }
```

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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