

Converting Colors

XYZ(35.0002, 27.8715, 43.0702)

Have a look what the booklet for
XYZ(35.0002, 27.8715, 43.0702)
contains.

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Color

**XYZ(35.0002, 27.8715,
43.0702)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7CAD
RGB	186, 124, 173
RGB Percent	73%, 49%, 68%
CMY	0.2706, 0.5137, 0.3216
CMYK	0.00, 0.33, 0.07, 0.27
HSL	313°, 31%, 61%
HSV	313°, 33%, 73%
XYZ	35.0002, 27.8715, 43.0702
YIQ	148.1240, 21.2230, 28.3830

Conversions

Conversions Part 2

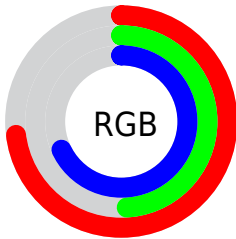
Format	Color
R _Y B	186, 124, 173
Decimal	12221613
CIE _{Lab}	59.77, 31.78, -16.17
CIE _{LCh}	60, 35.656, 333.027
Yxy	27.8715, 0.3304, 0.2631
Android (android.graphics.Color)	4290411693 (0xFFBA7CAD)
YUV	148.1240, 12.2639, 33.2173
Hunter-Lab	52.7935, 25.9506, -11.4148

Details

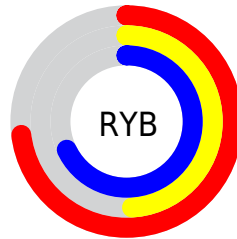
The XYZ color **35.0002, 27.8715, 43.0702** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.3876, 41.2100, 30.0213**, and the grayscale version is **28.1450, 29.6107, 32.2461**.

A 20% lighter version of the original color is **66.8271, 56.1561, 81.4458**, and **15.4157, 11.1836, 19.4353** is the 20% darker color. If you saturate the color by 10%, you get **32.5137, 23.4933, 40.4066**, and if you desaturate by 10%, it is **37.9391, 33.1359, 45.9396**.

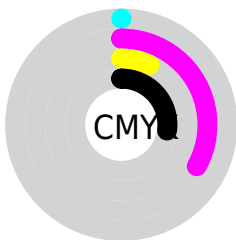
Distribution



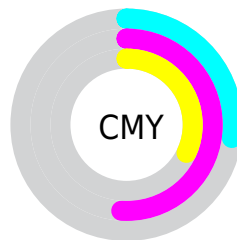
- Red (73%)
- Green (49%)
- Blue (68%)



- Red (73%)
- Yellow (49%)
- Blue (68%)



- Cyan (0%)
- Magenta (33%)
- Yellow (7%)
- Black (27%)





- Cyan (27%)
- Magenta (51%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0002, 27.8715, 43.0702 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 35.0002, 27.8715, 43.0702 by changing the saturation by 10% instead.


 35.0002, 27.8715,
43.0702


 35.0002, 27.8715,
43.0702


316.0772,
291.8524, 374.8301


 23.8295, 18.2288,
29.6084

 66.8201, 56.2792,
81.1043

 15.3313, 11.1144,
19.2920


 88.2001, 75.8130,
106.5136

 9.1400, 6.1438,
11.7025


 113.7138, 99.4127,
136.7426

 4.8905, 2.9327,
6.4214

143.7267,
127.4626, 172.2096

 2.2172, 1.0967,
3.0301

178.6042,
160.3471, 213.3334

 0.7518, 0.0000,
1.1100

218.7115,

 0.0000, 0.0000,

198.4507, 260.5324

0.0000

264.4141,
242.1576, 314.2251

■ 35.0002, 27.8715,
43.0702

■ 35.0002, 27.8715,
43.0702

■ 32.5137, 23.4933,
40.4066

■ 37.9391, 33.1359,
45.9396

■ 30.4521, 19.9478,
37.9382

■ 41.3507, 39.3285,
49.0211

■ 28.7890, 17.1820,
35.6561


■ 45.2573, 46.4931,
52.3228


■ 27.4937, 15.1347,
33.5496


■ 49.6788, 54.6695,
55.8519


■ 26.5312, 13.7358,
31.6065


■ 54.6343, 63.8955,
59.6151


 25.8592, 12.9012,
29.8123

 60.1415, 74.2067,
63.6188

 25.5163, 12.5458,
28.6796

 66.2177, 85.6374,
67.8691

 66.9335, 86.3287,
70.3901

 67.4079, 86.5184,
72.8884

Harmonies

Analogous

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



31.5069, 27.8715, 56.3108



35.0002, 27.8715, 43.0702



36.1340, 27.8715, 29.0538

Triad

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



35.0002, 27.8715, 43.0702



26.0354, 27.8715, 11.6824



19.8623, 27.8715, 46.0050

Complementary

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



35.0002, 27.8715, 43.0702



30.3876, 41.2100, 30.0213

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.



18.7372, 27.8715, 31.6786



35.0002, 27.8715, 43.0702



22.0379, 27.8715, 13.9180

Square

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



35.0002, 27.8715, 43.0702



30.6243, 27.8715, 13.1521



19.4865, 27.8715, 20.4147



22.7475, 27.8715, 58.3158

Rectangle

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



35.0002, 27.8715, 43.0702



35.3050, 27.8715, 21.6283



19.4865, 27.8715, 20.4147



19.2816, 27.8715, 41.1418

Sweetspot

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



35.0011, 27.8728, 43.0708



77.0927, 75.2017, 90.7033



26.2902, 23.2297, 49.5532



16.7641, 16.1709, 19.7914



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.0011, 27.8728, 43.0708



60.0583, 44.5497, 74.4921



32.3861, 26.8268, 29.3004



9.2981, 9.1296, 10.9171



17.1943, 8.4515, 19.4417



0.6267, 0.3062, 0.7936

Inverse Universe

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



35.0011, 27.8728, 43.0708



60.0583, 44.5497, 74.4921



32.8842, 42.2086, 43.1683



9.2981, 9.1296, 10.9171



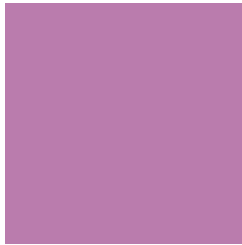
17.1943, 8.4515, 19.4417



0.6267, 0.3062, 0.7936

Previews

White Background



This preview shows how the XYZ color 35.0002, 27.8715, 43.0702 looks on a white background.

Color Contrast Check

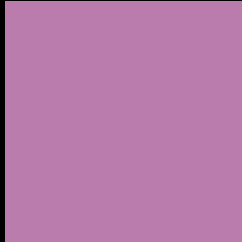
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0002, 27.8715, 43.0702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

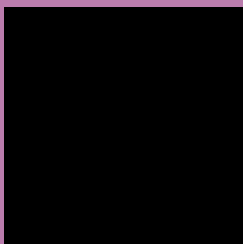
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0002, 27.8715, 43.0702

Background



This preview shows how black text looks on a background with the XYZ color 35.0002, 27.8715, 43.0702.



This preview shows how white text looks on a background with the XYZ color 35.0002, 27.8715,

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

35.0002, 27.8715, 43.0702

Protanopia

28.3583, 28.1766, 50.3984

Deuteranopia

28.6346, 28.0630, 41.9377



Tritanopia

32.0077, 27.8038, 28.4906

Trichromacy



Original Color

35.0002, 27.8715, 43.0702

Protanomaly

30.0935, 27.6199, 47.4611

Deuteranomaly

30.7126, 27.8453, 42.2840

Tritanomaly

32.9151, 27.7726, 33.3316

Monochromacy



Original Color

35.0002, 27.8715, 43.0702

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.2187, 28.5809, 35.8223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0002, 27.8715, 43.0702 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(186, 124, 173)` looks like.

```
.text, #text, p{  
    color:rgb(186, 124, 173)  
}
```

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(186, 124, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 124, 173) }
```

Border

The CSS property to change the border of an element to XYZ 35.0002, 27.8715, 43.0702 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(186, 124, 173) }
```


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

```
.border{ border-color:rgb(186, 124, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 124, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 124, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 124, 173);  
box-shadow:4px 4px 4px 4px rgb(186, 124,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0002, 27.8715, 43.0702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 124, 173) }
```

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

```
.background{ background-color: rgb(186,  
124, 173) }
```

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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