

Converting Colors

XYZ(35.0911, 27.8540, 40.1315)

Have a look what the booklet for
XYZ(35.0911, 27.8540, 40.1315)
contains.

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Color

**XYZ(35.0443, 27.7748,
40.0732)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7BA7
RGB	189, 123, 167
RGB Percent	74%, 48%, 65%
CMY	0.2588, 0.5176, 0.3451
CMYK	0.00, 0.35, 0.12, 0.26
HSL	320°, 33%, 61%
HSV	320°, 35%, 74%
XYZ	35.0443, 27.7748, 40.0732
YIQ	147.7500, 25.2120, 27.6760

Conversions

Conversions Part 2

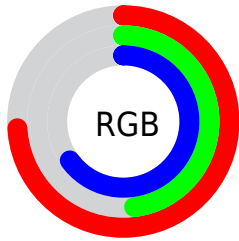
Format	Color
RYB	189, 123, 167
Decimal	12417959
CIELab	59.68, 32.31, -12.84
CIElCh	60, 34.763, 338.331
Yxy	27.7748, 0.3406, 0.2699
Android (android.graphics.Color)	4290608039 (0xFFBD7BA7)
YUV	147.7500, 9.4902, 36.1763
Hunter-Lab	52.7018, 26.4662, -8.1914

Details

The XYZ color **35.0443, 27.7748, 40.0732** is a light color, and the websafe version is hex **996699**. A complement of this color would be **31.4781, 42.6513, 33.3635**, and the grayscale version is **27.9994, 29.4575, 32.0792**.

A 20% lighter version of the original color is **66.7162, 55.9174, 76.3841**, and **15.3086, 11.0712, 17.5498** is the 20% darker color. If you saturate the color by 10%, you get **32.3539, 23.3033, 36.3725**, and if you desaturate by 10%, it is **38.2173, 33.1654, 44.0754**.

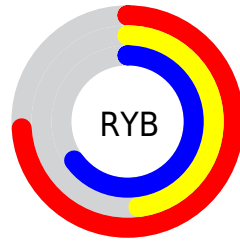
Distribution



Red (74%)

Green (48%)

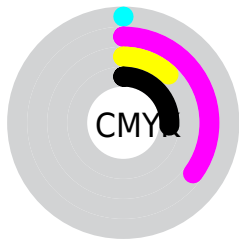
Blue (65%)



Red (74%)

Yellow (48%)

Blue (65%)

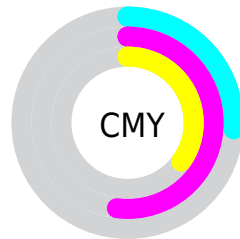


Cyan (0%)

Magenta (35%)

Yellow (12%)

Black (26%)



Cyan (26%)


Magenta (52%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0443, 27.7748, 40.0732 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 35.0443, 27.7748, 40.0732 by changing the saturation by 10% instead.


 35.0443, 27.7748,
40.0732

 35.0443, 27.7748,
40.0732


316.2684,
291.3893, 361.9933


 23.8637, 18.1560,
27.2814


 66.8880, 56.1247,
76.5133

 15.3567, 11.0620,
17.5504


 88.2817, 75.6246,
100.9986

 9.1581, 6.1086,
10.4616


 113.8105, 99.1869,
130.2189

 4.9024, 2.9112,
5.5965

143.8398,
127.1961, 164.5927

 2.2243, 1.0856,
2.5365

178.7349,
160.0365, 204.5385

 0.7555, 0.0000,
0.8594

218.8611,

 0.0000, 0.0000,

198.0926, 250.4748

0.0000

264.5838,
241.7487, 302.8202

■ 35.0443, 27.7748,
40.0732

■ 35.0443, 27.7748,
40.0732

■ 32.3539, 23.3033,
36.3725

■ 38.2173, 33.1654,
44.0754

■ 30.1172, 19.6946,
32.9608

■ 41.8950, 39.5196,
48.3875

■ 28.3057, 16.8923,
29.8269

■ 46.1008, 46.8835,
53.0194

■ 26.8866, 14.8314,
26.9577

■ 50.8560, 55.2990,
57.9803

■ 25.8221, 13.4369,
24.3387

■ 56.1809, 64.8059,
63.2785

■ 25.0663, 12.6177,
21.9522

■ 62.0945, 75.4418,
68.9222

■ 24.7521, 12.3252,
20.8118

■ 68.5174, 87.0473,
74.8869

■ 69.3235, 87.3697,
79.1320

■ 70.1610, 87.7047,
83.5421

Harmonies

Analogous

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



31.9867, 27.7748, 53.4397



35.0443, 27.7748, 40.0732



35.6607, 27.7748, 26.8736

Triad

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



35.0443, 27.7748, 40.0732



25.1951, 27.7748, 12.0774



20.3169, 27.7748, 47.8450

Complementary

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



35.0443, 27.7748, 40.0732



31.4781, 42.6513, 33.3635

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.



18.8984, 27.7748, 33.8808



35.0443, 27.7748, 40.0732



21.5034, 27.7748, 14.9686

Square

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



35.0443, 27.7748, 40.0732



29.6395, 27.7748, 12.8826



19.3073, 27.7748, 22.1666



23.4039, 27.7748, 58.7232

Rectangle

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



35.0443, 27.7748, 40.0732



34.5461, 27.7748, 20.1611



19.3073, 27.7748, 22.1666



19.6457, 27.7748, 43.2231

Sweetspot

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



35.0451, 27.7761, 40.0738



78.4971, 76.8244, 90.5362



27.9466, 23.8613, 51.2773



16.6556, 16.1275, 19.2204



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.



35.0451, 27.7761, 40.0738



58.9555, 43.3972, 66.5859



32.3734, 26.7074, 26.0045



9.7911, 9.6407, 11.2887



16.6905, 8.3073, 14.1955



0.6830, 0.3371, 0.7097

Inverse Universe

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



35.0451, 27.7761, 40.0738



58.9555, 43.3972, 66.5859



34.4029, 43.8213, 48.7654



9.7911, 9.6407, 11.2887



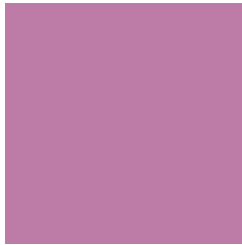
16.6905, 8.3073, 14.1955



0.6830, 0.3371, 0.7097

Previews

White Background



This preview shows how the XYZ color 35.0443, 27.7748, 40.0732 looks on a white background.

Color Contrast Check

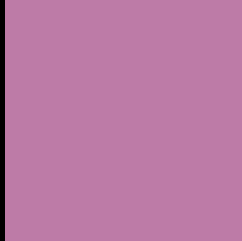
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0443, 27.7748, 40.0732 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 35.0443, 27.7748, 40.0732

Background



This preview shows how black text looks on a background with the XYZ color 35.0443, 27.7748, 40.0732.



This preview shows how white text looks on a background with the XYZ color 35.0443, 27.7748,

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

35.0443, 27.7748, 40.0732

Protanopia

28.0524, 28.0911, 47.1236

Deuteranopia

28.4733, 27.8261, 38.9922



Tritanopia

32.5563, 27.7124, 27.6779

Trichromacy



Original Color

35.0443, 27.7748, 40.0732

Protanomaly

30.0596, 27.6720, 44.3144

Deuteranomaly

30.6265, 27.6593, 39.3219

Tritanomaly

33.3792, 27.6564, 32.0127

Monochromacy



Original Color

35.0443, 27.7748, 40.0732

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.2533, 28.6183, 34.9397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0443, 27.7748, 40.0732 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(189, 123, 167)` looks like.

```
.text, #text, p{  
    color:rgb(189, 123, 167)  
}
```

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(189, 123, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 123, 167) }
```

Border

The CSS property to change the border of an element to XYZ 35.0443, 27.7748, 40.0732 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(189, 123, 167) }
```


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

```
.border{ border-color:rgb(189, 123, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 123, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 123, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 123, 167);  
box-shadow:4px 4px 4px 4px rgb(189, 123,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0443, 27.7748, 40.0732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 123, 167) }
```

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

```
.background{ background-color: rgb(189,  
123, 167) }
```

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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