

Converting Colors

XYZ(34.3347, 27.3057, 43.8834)

Have a look what the booklet for
XYZ(34.3347, 27.3057, 43.8834)
contains.

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Color

**XYZ(34.3493, 27.3283,
44.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	B77BAF
RGB	183, 123, 175
RGB Percent	72%, 48%, 69%
CMY	0.2823, 0.5176, 0.3137
CMYK	0.00, 0.33, 0.04, 0.28
HSL	308°, 29%, 60%
HSV	308°, 33%, 72%
XYZ	34.3493, 27.3283, 44.0219
YIQ	146.8680, 19.0680, 28.8920

Conversions

Conversions Part 2

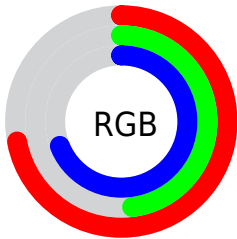
Format	Color
R_{YB}	183, 123, 175
Decimal	12024751
CIE _{Lab}	59.28, 31.68, -18.10
CIE _{LCh}	59, 36.484, 330.257
Yxy	27.3283, 0.3250, 0.2585
Android (android.graphics.Color)	4290214831 (0xFFB77BAF)
YUV	146.8680, 13.8691, 31.6878
Hunter-Lab	52.2765, 25.8031, -13.3344

Details

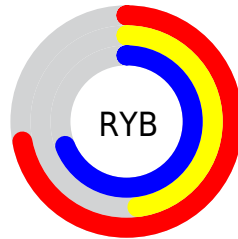
The XYZ color **34.3493, 27.3283, 44.0219** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.1998, 39.7176, 27.6017**, and the grayscale version is **27.6184, 29.0567, 31.6427**.

A 20% lighter version of the original color is **65.8843, 55.3455, 82.8116**, and **14.9487, 10.8374, 19.7163** is the 20% darker color. If you saturate the color by 10%, you get **32.0506, 23.1105, 42.0840**, and if you desaturate by 10%, it is **37.0784, 32.3989, 46.1252**.

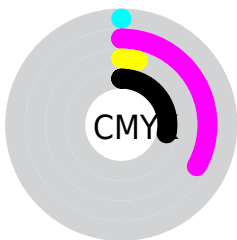
Distribution



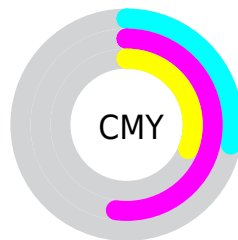
- Red (72%)
- Green (48%)
- Blue (69%)



- Red (72%)
- Yellow (48%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (4%)
- Black (28%)





- Cyan (28%)
- Magenta (52%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3493, 27.3283, 44.0219 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 34.3493, 27.3283, 44.0219 by changing the saturation by 10% instead.


 34.3493, 27.3283,
44.0219


 34.3493, 27.3283,
44.0219


313.2453,
289.2432, 378.8416


 23.3262, 17.8199,
30.3504


 65.8172, 55.4102,
82.5535

 14.9566, 10.8208,
19.8504


 86.9927, 74.7526,
108.2507

 8.8750, 5.9465,
12.1034


 112.2831, 98.1418,
138.7936

 4.7162, 2.8126,
6.6907

142.0537,
125.9621, 174.6006

 2.1148, 1.0347,
3.1939

176.6699,
158.5980, 216.0904

 0.6972, 0.0000,
1.1945

216.4969,

 0.0000, 0.0000,

196.4339, 263.6815

0.0000

261.9003,
239.8542, 317.7924

■ 34.3493, 27.3283,
44.0219

■ 34.3493, 27.3283,
44.0219

■ 32.0506, 23.1105,
42.0840

■ 37.0784, 32.3989,
46.1252

■ 30.1559, 19.6945,
40.3018

■ 40.2572, 38.3625,
48.3996

■ 28.6402, 17.0295,
38.6670

■ 43.9069, 45.2609,
50.8526

■ 27.4743, 15.0572,
37.1699

■ 48.0467, 53.1324,
53.4906

■ 26.6249, 13.7111,
35.7992

■ 52.6946, 62.0130,
56.3198

■ 26.0519, 12.9112,
34.5415

■ 57.8677, 71.9369,
59.3460

■ 25.7519, 12.5567,
33.6847

■ 63.5824, 82.9368,
62.5747

■ 65.0853, 85.5061,
64.4216

■ 65.3627, 85.6170,
65.8823

Harmonies

Analogous

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



30.6446, 27.3283, 57.1200



34.3493, 27.3283, 44.0219



35.7587, 27.3283, 29.6434

Triad

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



34.3493, 27.3283, 44.0219



25.9354, 27.3283, 11.0554



19.1177, 27.3283, 44.2756

Complementary

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



34.3493, 27.3283, 44.0219



29.1998, 39.7176, 27.6017

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.



18.1611, 27.3283, 29.8686



34.3493, 27.3283, 44.0219



21.8052, 27.3283, 12.9177

Square

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



34.3493, 27.3283, 44.0219



30.5686, 27.3283, 12.8532



19.0856, 27.3283, 18.9621



21.8658, 27.3283, 57.2941

Rectangle

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



34.3493, 27.3283, 44.0219



35.0924, 27.3283, 21.8858



19.0856, 27.3283, 18.9621



18.5913, 27.3283, 39.3172

Sweetspot

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



34.3502, 27.3295, 44.0225



73.7285, 71.7778, 87.8011



24.9915, 22.4114, 47.8092



16.0903, 15.4875, 19.2597



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.3502, 27.3295, 44.0225



58.6145, 43.6041, 76.4302



31.7233, 26.2788, 30.1896



9.3280, 9.1416, 11.0747



17.9830, 8.7670, 23.5950



0.6484, 0.3148, 0.9077

Inverse Universe

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



34.3502, 27.3295, 44.0225



58.6145, 43.6041, 76.4302



31.5359, 40.6521, 39.9038



9.3280, 9.1416, 11.0747



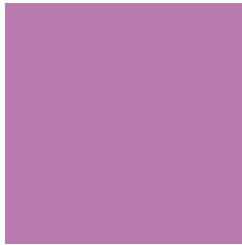
17.9830, 8.7670, 23.5950



0.6484, 0.3148, 0.9077

Previews

White Background



This preview shows how the XYZ color 34.3493, 27.3283, 44.0219 looks on a white background.

Color Contrast Check

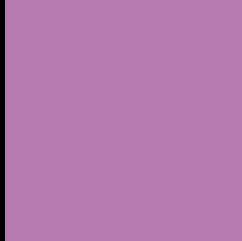
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3493, 27.3283, 44.0219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

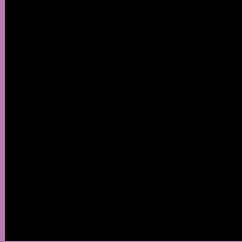
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3493, 27.3283, 44.0219

Background



This preview shows how black text looks on a background with the XYZ color 34.3493, 27.3283, 44.0219.



This preview shows how white text looks on a background with the XYZ color 34.3493, 27.3283,

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

34.3493, 27.3283, 44.0219

Protanopia

27.8079, 27.4264, 51.4051

Deuteranopia

28.1522, 27.5744, 42.8683



Tritanopia

31.0764, 27.3237, 28.4470

Trichromacy



Original Color

34.3493, 27.3283, 44.0219

Protanomaly

29.4668, 26.8587, 48.4309

Deuteranomaly

30.1685, 27.3364, 43.2216

Tritanomaly

32.1615, 27.1819, 33.6885

Monochromacy



Original Color

34.3493, 27.3283, 44.0219

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.6715, 28.0849, 35.7554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3493, 27.3283, 44.0219 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(183, 123, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 175)  
}
```

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(183, 123, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 175) }
```

Border

The CSS property to change the border of an element to XYZ 34.3493, 27.3283, 44.0219 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(183, 123, 175) }
```


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

```
.border{ border-color:rgb(183, 123, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 123, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 123, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 123, 175);  
box-shadow:4px 4px 4px 4px rgb(183, 123,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3493, 27.3283, 44.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 123, 175) }
```

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

```
.background{ background-color: rgb(183,  
123, 175) }
```

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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