

Converting Colors

XYZ(35.0325, 27.7662, 43.1293)

Have a look what the booklet for
XYZ(35.0325, 27.7662, 43.1293)
contains.

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Color

**XYZ(34.8755, 27.6222,
43.0286)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7BAD
RGB	186, 123, 173
RGB Percent	73%, 48%, 68%
CMY	0.2706, 0.5176, 0.3216
CMYK	0.00, 0.34, 0.07, 0.27
HSL	312°, 31%, 61%
HSV	312°, 34%, 73%
XYZ	34.8755, 27.6222, 43.0286
YIQ	147.5370, 21.4980, 28.9060

Conversions

Conversions Part 2

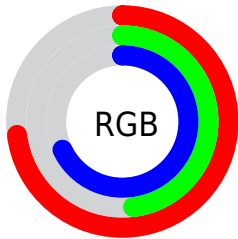
Format	Color
RYB	186, 123, 173
Decimal	12221357
CIELab	59.55, 32.33, -16.52
CIELCh	60, 36.303, 332.939
Yxy	27.6222, 0.3305, 0.2618
Android (android.graphics.Color)	4290411437 (0xFFBA7BAD)
YUV	147.5370, 12.5533, 33.7321
Hunter-Lab	52.5568, 26.4740, -11.7513

Details

The XYZ color **34.8755, 27.6222, 43.0286** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.1724, 41.1072, 29.6386**, and the grayscale version is **27.8997, 29.3527, 31.9650**.

A 20% lighter version of the original color is **66.6303, 55.7625, 81.3802**, and **15.3495, 11.0511, 19.4132** is the 20% darker color. If you saturate the color by 10%, you get **32.4177, 23.2922, 40.4033**, and if you desaturate by 10%, it is **37.7840, 32.8357, 45.8574**.

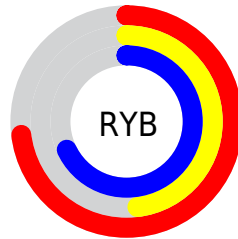
Distribution



Red (73%)

Green (48%)

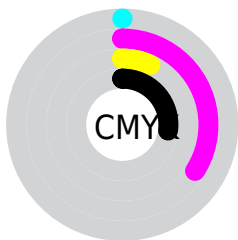
Blue (68%)



Red (73%)

Yellow (48%)

Blue (68%)

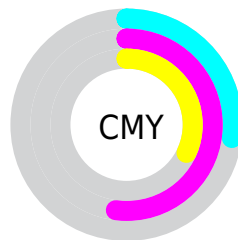


Cyan (0%)

Magenta (34%)

Yellow (7%)

Black (27%)



Cyan (27%)


Magenta (52%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8755, 27.6222, 43.0286 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 34.8755, 27.6222, 43.0286 by changing the saturation by 10% instead.


 34.8755, 27.6222,
43.0286


 34.8755, 27.6222,
43.0286


315.5361,
290.6572, 374.6540


 23.7331, 18.0411,
29.5760


 66.6281, 55.8807,
81.0408

 15.2594, 10.9795,
19.2677


 87.9691, 75.3268,
106.4375

 9.0891, 6.0530,
11.6851


 113.4402, 98.8301,
136.6527

 4.8569, 2.8774,
6.4097

143.4068,
126.7749, 172.1048

 2.1975, 1.0680,
3.0230

178.2344,
159.5456, 213.2125

 0.7414, 0.0000,
1.1064

218.2882,

 0.0000, 0.0000,

197.5267, 260.3942

0.0000

263.9337,
241.1024, 314.0686

■ 34.8755, 27.6222,
43.0286

■ 34.8755, 27.6222,
43.0286

■ 32.4177, 23.2922,
40.4033

■ 37.7840, 32.8357,
45.8574

■ 30.3832, 19.7920,
37.9709

■ 41.1637, 38.9749,
48.8961

■ 28.7452, 17.0682,
35.7225

■ 45.0369, 46.0836,
52.1528

■ 27.4730, 15.0594,
33.6474

■ 49.4236, 54.2021,
55.6346

■ 26.5311, 13.6947,
31.7333

■ 54.3429, 63.3679,
59.3483

■ 25.8769, 12.8890,
29.9655

■ 59.8127, 73.6170,
63.3002

■ 25.5649, 12.5652,
28.9361

■ 65.8501, 84.9835,
67.4965

■ 66.8740, 86.3049,
70.0772

■ 67.3394, 86.4910,
72.5276

Harmonies

Analogous

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



31.3238, 27.6222, 56.5026



34.8755, 27.6222, 43.0286



36.0359, 27.6222, 28.8050

Triad

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



34.8755, 27.6222, 43.0286



25.8065, 27.6222, 11.3034



19.5528, 27.6222, 45.9264

Complementary

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



34.8755, 27.6222, 43.0286



30.1724, 41.1072, 29.6386

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.



18.4250, 27.6222, 31.3836



34.8755, 27.6222, 43.0286



21.7632, 27.6222, 13.5225

Square

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



34.8755, 27.6222, 43.0286



30.4549, 27.6222, 12.7800



19.1853, 27.6222, 20.0245



22.4585, 27.6222, 58.4882

Rectangle

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



34.8755, 27.6222, 43.0286



35.1991, 27.6222, 21.3009



19.1853, 27.6222, 20.0245



18.9695, 27.6222, 40.9801

Sweetspot

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



34.8764, 27.6234, 43.0292



77.1045, 75.2064, 90.7655



26.0357, 22.9134, 49.5054



16.7670, 16.1721, 19.8070



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.



34.8764, 27.6234, 43.0292



59.6672, 43.8054, 74.2445



32.2087, 26.5564, 28.9815



9.2994, 9.1301, 10.9240



17.2268, 8.4645, 19.6127



0.6276, 0.3065, 0.7984

Inverse Universe

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



34.8764, 27.6234, 43.0292



59.6672, 43.8054, 74.2445



32.7126, 42.1233, 43.0152



9.2994, 9.1301, 10.9240



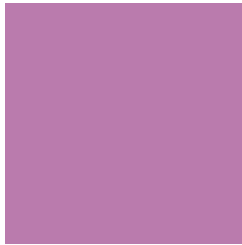
17.2268, 8.4645, 19.6127



0.6276, 0.3065, 0.7984

Previews

White Background



This preview shows how the XYZ color 34.8755, 27.6222, 43.0286 looks on a white background.

Color Contrast Check

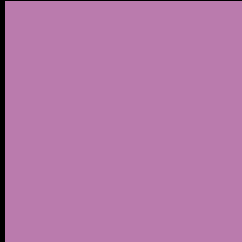
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8755, 27.6222, 43.0286 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 34.8755, 27.6222, 43.0286

Background



This preview shows how black text looks on a background with the XYZ color 34.8755, 27.6222, 43.0286.



This preview shows how white text looks on a background with the XYZ color 34.8755, 27.6222,

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

34.8755, 27.6222, 43.0286

Protanopia

28.0516, 27.7967, 50.3412

Deuteranopia

28.3108, 27.6782, 41.8805



Tritanopia

31.8019, 27.5097, 28.0599

Trichromacy



Original Color

34.8755, 27.6222, 43.0286

Protanomaly

29.9534, 27.3395, 47.4144

Deuteranomaly

30.3730, 27.4641, 42.2283

Tritanomaly

32.7037, 27.4804, 32.8587

Monochromacy



Original Color

34.8755, 27.6222, 43.0286

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 34.8755, 27.6222, 43.0286 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, 123, 173)` looks like.

```
.text, #text, p{  
    color:rgb(186, 123, 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, 123, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 123, 173) }
```

Border

The CSS property to change the border of an element to XYZ 34.8755, 27.6222, 43.0286 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, 123, 173) }
```


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

```
.border{ border-color:rgb(186, 123, 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, 123, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 123, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 123, 173);  
box-shadow:4px 4px 4px 4px rgb(186, 123,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8755, 27.6222, 43.0286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 123, 173) }
```

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

```
.background{ background-color: rgb(186,  
123, 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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