

Converting Colors

XYZ(34.2789, 27.4997, 43.0364)

Have a look what the booklet for
XYZ(34.2789, 27.4997, 43.0364)
contains.

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Color

**XYZ(34.2789, 27.4997,
43.0364)**

Conversions

Conversions Part 1

Format	Color
Hex	B77CAD
RGB	183, 124, 173
RGB Percent	72%, 49%, 68%
CMY	0.2823, 0.5137, 0.3216
CMYK	0.00, 0.32, 0.05, 0.28
HSL	310°, 29%, 60%
HSV	310°, 32%, 72%
XYZ	34.2789, 27.4997, 43.0364
YIQ	147.2270, 19.4350, 27.7470

Conversions

Conversions Part 2

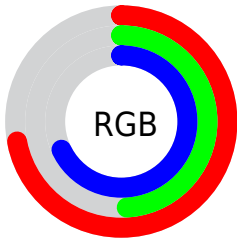
Format	Color
RYB	183, 124, 173
Decimal	12025005
CIELab	59.43, 30.76, -16.72
CIELCh	59, 35.007, 331.475
Yxy	27.4997, 0.3270, 0.2624
Android (android.graphics.Color)	4290215085 (0xFFB77CAD)
YUV	147.2270, 12.7061, 31.3729
Hunter-Lab	52.4402, 24.9110, -11.9498

Details

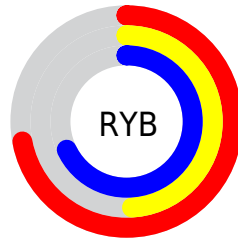
The XYZ color **34.2789, 27.4997, 43.0364** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.5499, 39.8741, 28.6950**, and the grayscale version is **27.7712, 29.2175, 31.8178**.

A 20% lighter version of the original color is **65.8002, 55.6267, 81.3977**, and **14.9532, 10.9452, 19.4137** is the 20% darker color. If you saturate the color by 10%, you get **31.8984, 23.2130, 40.7793**, and if you desaturate by 10%, it is **37.0937, 32.6428, 45.4732**.

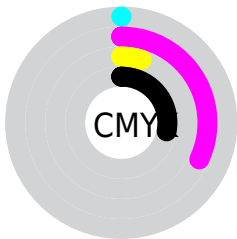
Distribution



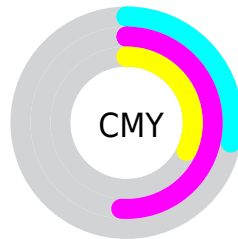
- Red (72%)
- Green (49%)
- Blue (68%)



- Red (72%)
- Yellow (49%)
- Blue (68%)



- Cyan (0%)
- Magenta (32%)
- Yellow (5%)
- Black (28%)



- Cyan (28%)
- Magenta (51%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2789, 27.4997, 43.0364 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 34.2789, 27.4997, 43.0364 by changing the saturation by 10% instead.

34.2789, 27.4997,
43.0364

34.2789, 27.4997,
43.0364

312.9379,
290.0685, 374.6871

23.2718, 17.9489,
29.5821

65.7086, 55.6847,
81.0527

14.9162, 10.9133,
19.2722

86.8619, 75.0876,
106.4518

8.8465, 6.0086,
11.6883

112.1280, 98.5434,
136.6695

4.6975, 2.8503,
6.4119

141.8723,
126.4364, 172.1245

2.1038, 1.0541,
3.0243

176.4600,
159.1510, 213.2352

0.6913, 0.0000,
1.1071

216.2567,

0.0000, 0.0000,

197.0716, 260.4201

0.0000

261.6275,
240.5827, 314.0979

■ 34.2789, 27.4997,
43.0364

■ 34.2789, 27.4997,
43.0364

■ 31.8984, 23.2130,
40.7793

■ 37.0937, 32.6428,
45.4732

■ 29.9259, 19.7319,
38.6921

■ 40.3619, 38.6821,
48.0955

■ 28.3365, 17.0058,
36.7665

■ 44.1049, 45.6594,
50.9109

■ 27.1011, 14.9768,
34.9927

■ 48.3416, 53.6130,
53.9259

■ 26.1867, 13.5789,
33.3592

■ 53.0901, 62.5786,
57.1468

■ 25.5536, 12.7331,
31.8528

■ 58.3675, 72.5906,
60.5795

■ 25.1946, 12.3338,
30.7504

■ 64.1901, 83.6814,
64.2296

■ 65.4606, 85.6562,
66.3983

■ 65.8217, 85.8006,
68.3001

Harmonies

Analogous

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



30.7980, 27.4997, 55.6593



34.2789, 27.4997, 43.0364



35.5181, 27.4997, 29.3245

Triad

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



34.2789, 27.4997, 43.0364



25.9210, 27.4997, 11.6926



19.5784, 27.4997, 44.4237

Complementary

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



34.2789, 27.4997, 43.0364



29.5499, 39.8741, 28.6950

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.



18.5739, 27.4997, 30.5691



34.2789, 27.4997, 43.0364



21.9729, 27.4997, 13.6932

Square

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



34.2789, 27.4997, 43.0364



30.3801, 27.4997, 13.3271



19.3997, 27.4997, 19.8168



22.3098, 27.4997, 56.6054

Rectangle

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



34.2789, 27.4997, 43.0364



34.8073, 27.4997, 21.9346



19.3997, 27.4997, 19.8168



19.0422, 27.4997, 39.6948

Sweetspot

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



34.2798, 27.5009, 43.0370



73.6056, 71.7286, 87.1539



25.5611, 22.8903, 47.8713



16.0595, 15.4752, 19.0975



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.



34.2798, 27.5009, 43.0370



58.1631, 43.4235, 74.0533



31.7457, 26.4873, 29.6928



9.3138, 9.1359, 10.9999



17.5980, 8.6130, 21.5678



0.6379, 0.3106, 0.8526

Inverse Universe

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



34.2798, 27.5009, 43.0370



58.1631, 43.4235, 74.0533



31.8874, 40.8092, 41.0044



9.3138, 9.1359, 10.9999



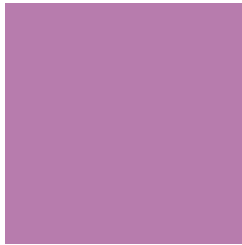
17.5980, 8.6130, 21.5678



0.6379, 0.3106, 0.8526

Previews

White Background



This preview shows how the XYZ color 34.2789, 27.4997, 43.0364 looks on a white background.

Color Contrast Check

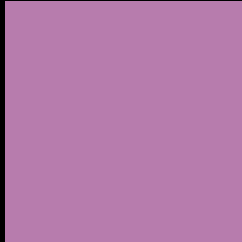
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2789, 27.4997, 43.0364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

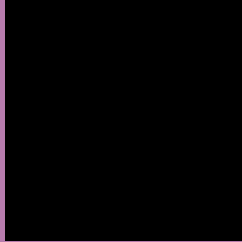
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2789, 27.4997, 43.0364

Background



This preview shows how black text looks on a background with the XYZ color 34.2789, 27.4997, 43.0364.



This preview shows how white text looks on a background with the XYZ color 34.2789, 27.4997,

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

34.2789, 27.4997, 43.0364

Protanopia

28.0516, 27.7967, 50.3412

Deuteranopia

28.1354, 27.5877, 41.8723



Tritanopia

31.3067, 27.4424, 28.4578

Trichromacy



Original Color

34.2789, 27.4997, 43.0364

Protanomaly

29.7670, 27.2435, 47.4057

Deuteranomaly

29.9763, 27.2596, 42.2098

Tritanomaly

32.2091, 27.4086, 33.2986

Monochromacy



Original Color

34.2789, 27.4997, 43.0364

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.7306, 28.3391, 35.3555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2789, 27.4997, 43.0364 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, 124, 173)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 124, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 124, 173) }
```

Border

The CSS property to change the border of an element to XYZ 34.2789, 27.4997, 43.0364 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, 124, 173) }
```


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

```
.border{ border-color:rgb(183, 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(183, 124, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 124, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 124, 173);  
box-shadow:4px 4px 4px 4px rgb(183, 124,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2789, 27.4997, 43.0364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 124, 173) }
```

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

```
.background{ background-color: rgb(183,  
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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