

Converting Colors

XYZ(35.3269, 27.4656, 43.3917)

Have a look what the booklet for
XYZ(35.3269, 27.4656, 43.3917)
contains.

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Color

**XYZ(35.4636, 27.5496,
43.4929)**

Conversions

Conversions Part 1

Format	Color
Hex	BD79AE
RGB	189, 121, 174
RGB Percent	74%, 47%, 68%
CMY	0.2588, 0.5255, 0.3176
CMYK	0.00, 0.36, 0.08, 0.26
HSL	313°, 34%, 61%
HSV	313°, 36%, 74%
XYZ	35.4636, 27.5496, 43.4929
YIQ	147.3740, 23.5150, 30.8990

Conversions

Conversions Part 2

Format	Color
R _{YB}	189, 121, 174
Decimal	12417454
CIE Lab	59.48, 34.61, -17.16
CIE LCh	59, 38.633, 333.636
Yxy	27.5496, 0.3330, 0.2587
Android (android.graphics.Color)	4290607534 (0xFFBD79AE)
YUV	147.3740, 13.1266, 36.5060
Hunter-Lab	52.4877, 28.7510, -12.3881

Details

The XYZ color **35.4636, 27.5496, 43.4929** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.5278, 42.2385, 29.8382**, and the grayscale version is **27.8293, 29.2786, 31.8843**.

A 20% lighter version of the original color is **67.4250, 55.5781, 82.0369**, and **15.5359, 10.9553, 19.3849** is the 20% darker color. If you saturate the color by 10%, you get **32.9879, 23.2382, 40.6934**, and if you desaturate by 10%, it is **38.4036, 32.7685, 46.5100**.

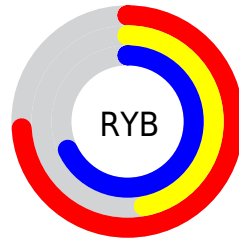
Distribution



Red (74%)

Green (47%)

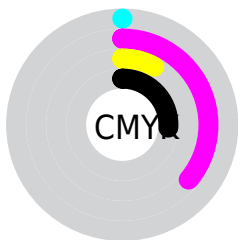
Blue (68%)



Red (74%)

Yellow (47%)

Blue (68%)

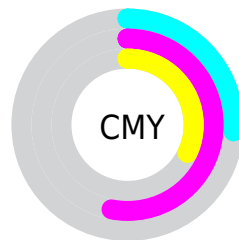


Cyan (0%)

Magenta (36%)

Yellow (8%)

Black (26%)



Cyan (26%)


Magenta (53%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4636, 27.5496, 43.4929 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 35.4636, 27.5496, 43.4929 by changing the saturation by 10% instead.

 35.4636, 27.5496,
43.4929


 35.4636, 27.5496,
43.4929


318.0822,
290.3084, 376.6155


 24.1884, 17.9864,
29.9378


 67.5326, 55.7645,
81.7485

 15.5989, 10.9402,
19.5397


 89.0572, 75.1851,
107.2860

 9.3298, 6.0267,
11.8802


 114.7289, 98.6602,
137.6547

 5.0158, 2.8613,
6.5406

144.9131,
126.5744, 173.2732

 2.2914, 1.0598,
3.1024

179.9752,
159.3118, 214.5600

 0.7902, 0.0000,
1.1472

220.2805,

 0.0000, 0.0000,

197.2571, 261.9336

0.0000

266.1944,
240.7945, 315.8126

■ 35.4636, 27.5496,
43.4929

■ 35.4636, 27.5496,
43.4929

■ 32.9879, 23.2382,
40.6934

■ 38.4036, 32.7685,
46.5100

■ 30.9473, 19.7776,
38.1004

■ 41.8297, 38.9396,
49.7516

■ 29.3136, 17.1108,
35.7042

■ 45.7653, 46.1093,
53.2264

■ 28.0538, 15.1721,
33.4931

■ 50.2317, 54.3197,
56.9420

■ 27.1296, 13.8852,
31.4540

■ 55.2488, 63.6107,
60.9056

■ 26.4926, 13.1534,
29.5699

■ 60.8355, 74.0199,
65.1240

■ 26.2770, 12.9351,
28.8421

■ 67.0099, 85.5831,
69.6038

■ 68.0525, 86.8613,
72.4389

■ 68.5702, 87.0684,
75.1655

Harmonies

Analogous

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



31.6992, 27.5496, 58.1891



35.4636, 27.5496, 43.4929



36.6411, 27.5496, 28.3345

Triad

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



35.4636, 27.5496, 43.4929



25.5980, 27.5496, 10.4545



19.1613, 27.5496, 47.3610

Complementary

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



35.4636, 27.5496, 43.4929



30.5278, 42.2385, 29.8382

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.



17.9355, 27.5496, 31.7229



35.4636, 27.5496, 43.4929



21.3506, 27.5496, 12.7992

Square

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



35.4636, 27.5496, 43.4929



30.5497, 27.5496, 11.8629



18.6850, 27.5496, 19.6287



22.2573, 27.5496, 60.8640

Rectangle

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



35.4636, 27.5496, 43.4929



35.6939, 27.5496, 20.5105



18.6850, 27.5496, 19.6287



18.5355, 27.5496, 42.0326

Sweetspot

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



35.4645, 27.5508, 43.4935



78.1839, 75.6767, 92.0390



26.1341, 22.5623, 51.1220



16.6104, 15.9050, 19.6126



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.



35.4645, 27.5508, 43.4935



60.0253, 43.2487, 73.9958



32.5780, 26.3963, 28.2935



9.8374, 9.6593, 11.5328



17.7094, 8.7149, 19.5610



0.7164, 0.3505, 0.8859

Inverse Universe

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



35.4645, 27.5508, 43.4935



60.0253, 43.2487, 73.9958



33.3142, 43.3530, 44.5111



9.8374, 9.6593, 11.5328



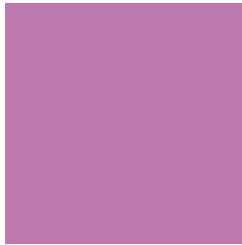
17.7094, 8.7149, 19.5610



0.7164, 0.3505, 0.8859

Previews

White Background



This preview shows how the XYZ color 35.4636, 27.5496, 43.4929 looks on a white background.

Color Contrast Check

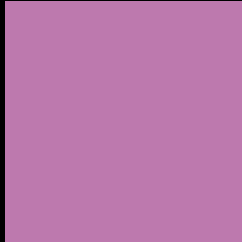
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4636, 27.5496, 43.4929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

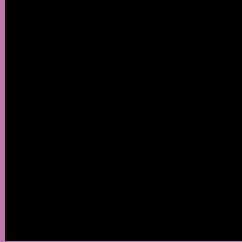
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4636, 27.5496, 43.4929

Background



This preview shows how black text looks on a background with the XYZ color 35.4636, 27.5496, 43.4929.



This preview shows how white text looks on a background with the XYZ color 35.4636, 27.5496,

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

35.4636, 27.5496, 43.4929

Protanopia

28.2184, 27.8454, 52.0315

Deuteranopia

28.1354, 27.5877, 41.8723



Tritanopia

32.3142, 27.5876, 27.6666

Trichromacy



Original Color

35.4636, 27.5496, 43.4929

Protanomaly

30.1257, 27.1863, 49.0071

Deuteranomaly

30.2354, 27.1889, 42.1825

Tritanomaly

33.1692, 27.3407, 32.8072

Monochromacy



Original Color

35.4636, 27.5496, 43.4929

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.0746, 28.2927, 35.7742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4636, 27.5496, 43.4929 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, 121, 174)` looks like.

```
.text, #text, p{  
    color:rgb(189, 121, 174)  
}
```

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, 121, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 121, 174) }
```

Border

The CSS property to change the border of an element to XYZ 35.4636, 27.5496, 43.4929 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, 121, 174) }
```


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

```
.border{ border-color:rgb(189, 121, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 121, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 121, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 121, 174);  
box-shadow:4px 4px 4px 4px rgb(189, 121,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4636, 27.5496, 43.4929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 121, 174) }
```

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

```
.background{ background-color: rgb(189,  
121, 174) }
```

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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