

Converting Colors

XYZ(32.6829, 27.0528, 43.0343)

Have a look what the booklet for
XYZ(32.6829, 27.0528, 43.0343)
contains.

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Color

**XYZ(32.6829, 27.0528,
43.0343)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7EAD
RGB	175, 126, 173
RGB Percent	69%, 49%, 68%
CMY	0.3137, 0.5059, 0.3216
CMYK	0.00, 0.28, 0.01, 0.31
HSL	302°, 23%, 59%
HSV	302°, 28%, 69%
XYZ	32.6829, 27.0528, 43.0343
YIQ	146.0090, 14.1170, 25.0050

Conversions

Conversions Part 2

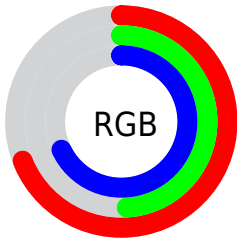
Format	Color
R _Y B	175, 126, 173
Decimal	11501229
CIE Lab	59.02, 26.92, -17.42
CIE LCh	59, 32.064, 327.085
Yxy	27.0528, 0.3180, 0.2632
Android (android.graphics.Color)	4289691309 (0xFFAF7EAD)
YUV	146.0090, 13.3066, 25.4251
Hunter-Lab	52.0123, 21.1423, -12.6472

Details

The XYZ color **32.6829, 27.0528, 43.0343** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.8316, 36.6550, 26.0319**, and the grayscale version is **27.2692, 28.6893, 31.2426**.

A 20% lighter version of the original color is **63.2180, 54.8863, 81.3909**, and **14.0617, 10.6869, 19.4108** is the 20% darker color. If you saturate the color by 10%, you get **30.5693, 22.9354, 41.9898**, and if you desaturate by 10%, it is **35.1900, 31.9556, 44.2124**.

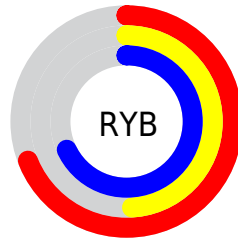
Distribution



Red (69%)

Green (49%)

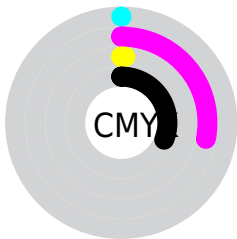
Blue (68%)



Red (69%)

Yellow (49%)

Blue (68%)

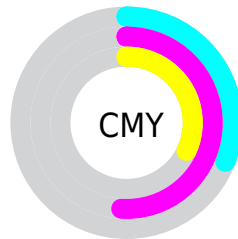


Cyan (0%)

Magenta (28%)

Yellow (1%)

Black (31%)



Cyan (31%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6829, 27.0528, 43.0343 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 32.6829, 27.0528, 43.0343 by changing the saturation by 10% instead.

■ 32.6829, 27.0528,
43.0343

■ 32.6829, 27.0528,
43.0343

305.9088,
287.9127, 374.6782

■ 22.0417, 17.6129,
29.5804

■ 63.2381, 54.9686,
81.0495

■ 14.0043, 10.6724,
19.2710

■ 83.8829, 74.2132,
106.4480

■ 8.2054, 5.8470,
11.6875

■ 108.5929, 97.4949,
136.6650

■ 4.2796, 2.7523,
6.4113

137.7335,
125.1980, 172.1192

■ 1.8615, 1.0038,
3.0239

171.6700,
157.7070, 213.2291

■ 0.5543, 0.0000,
1.1069

210.7678,

■ 0.0000, 0.0000,

195.4061, 260.4132

0.0000

255.3923,
238.6799, 314.0900

■ 32.6829, 27.0528,
43.0343

■ 32.6829, 27.0528,
43.0343

■ 30.5693, 22.9354,
41.9898

■ 35.1900, 31.9556,
44.2124

■ 28.8262, 19.5590,
41.0704

■ 38.1070, 37.6781,
45.5286

■ 27.4323, 16.8805,
40.2692

■ 41.4525, 44.2568,
46.9894

■ 26.3630, 14.8505,
39.5780

■ 45.2429, 51.7250,
48.6004

■ 25.5905, 13.4134,
38.9875

■ 49.4942, 60.1142,
50.3669

■ 25.0823, 12.5044,
38.4870

■ 54.2213, 69.4544,
52.2938

■ 24.7853, 12.0173,
38.0586

■ 59.4384, 79.7742,
54.3859

■ 24.7340, 11.9359,
37.9758

■ 61.5475, 83.8773,
55.4439

■ 61.6199, 83.9063,
55.8247

Harmonies

Analogous

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



29.3549, 27.0528, 53.5794



32.6829, 27.0528, 43.0343



34.1329, 27.0528, 30.5841

Triad

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



32.6829, 27.0528, 43.0343



26.1038, 27.0528, 12.5483



19.4866, 27.0528, 40.5973

Complementary

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



32.6829, 27.0528, 43.0343



27.8316, 36.6550, 26.0319

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.



18.8057, 27.0528, 28.3558



32.6829, 27.0528, 43.0343



22.3853, 27.0528, 13.9408

Square

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



32.6829, 27.0528, 43.0343



30.0970, 27.0528, 14.6284



19.8117, 27.0528, 19.0842



21.7766, 27.0528, 51.9364

Rectangle

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



32.6829, 27.0528, 43.0343



33.7387, 27.0528, 23.4779



19.8117, 27.0528, 19.0842



19.0729, 27.0528, 36.3712

Sweetspot

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



32.6837, 27.0540, 43.0349



68.1689, 67.3251, 81.5039



24.0470, 22.5790, 43.6489



14.9684, 14.6045, 18.0338



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.6837, 27.0540, 43.0349



55.9625, 43.4385, 75.8135



30.5552, 26.2026, 31.8263



8.3227, 8.1423, 10.0103



17.7182, 8.5498, 27.2253



0.4971, 0.2395, 0.7797

Inverse Universe

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



32.6837, 27.0540, 43.0349



55.9625, 43.4385, 75.8135



29.6136, 37.3678, 35.4160



8.3227, 8.1423, 10.0103



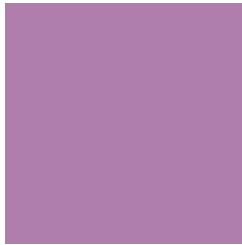
17.7182, 8.5498, 27.2253



0.4971, 0.2395, 0.7797

Previews

White Background



This preview shows how the XYZ color 32.6829, 27.0528, 43.0343 looks on a white background.

Color Contrast Check

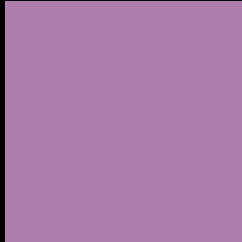
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6829, 27.0528, 43.0343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

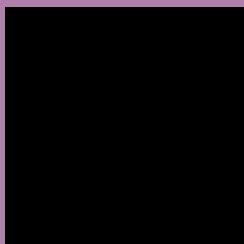
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6829, 27.0528, 43.0343

Background



This preview shows how black text looks on a background with the XYZ color 32.6829, 27.0528, 43.0343.



This preview shows how white text looks on a background with the XYZ color 32.6829, 27.0528,

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

32.6829, 27.0528, 43.0343

Protanopia

27.4322, 27.2939, 48.6222

Deuteranopia

27.7386, 27.1563, 42.3078



Tritanopia

29.9283, 27.1134, 29.2472

Trichromacy



Original Color

32.6829, 27.0528, 43.0343

Protanomaly

28.9735, 27.0660, 46.3450

Deuteranomaly

29.2979, 26.8988, 42.6775

Tritanomaly

30.7457, 27.0358, 33.7350

Monochromacy



Original Color

32.6829, 27.0528, 43.0343

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.1380, 28.0336, 35.3278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6829, 27.0528, 43.0343 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(175, 126, 173)` looks like.

```
.text, #text, p{  
    color:rgb(175, 126, 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(175, 126, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 126, 173) }
```

Border

The CSS property to change the border of an element to XYZ 32.6829, 27.0528, 43.0343 is called "border". The border property can be set on classes, ids or directly on the HTML element.

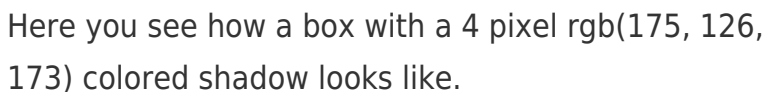
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 126, 173) }
```


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

```
.border{ border-color:rgb(175, 126, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 126, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 126, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 126, 173); box-shadow:4px 4px 4px 4px rgb(175, 126, 173) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6829, 27.0528, 43.0343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 126, 173) }
```

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

```
.background{ background-color: rgb(175,  
126, 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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