

Converting Colors

XYZ(29.2016, 23.3904, 33.4345)

Have a look what the booklet for
XYZ(29.2016, 23.3904, 33.4345)
contains.

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Color

**XYZ(29.0836, 23.2520,
33.5271)**

Conversions

Conversions Part 1

Format	Color
Hex	AD729A
RGB	173, 114, 154
RGB Percent	68%, 45%, 60%
CMY	0.3216, 0.5529, 0.3961
CMYK	0.00, 0.34, 0.11, 0.32
HSL	319°, 26%, 56%
HSV	319°, 34%, 68%
XYZ	29.0836, 23.2520, 33.5271
YIQ	136.2010, 22.3240, 24.9480

Conversions

Conversions Part 2

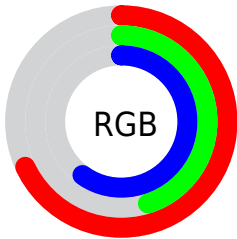
Format	Color
R _Y B	173, 114, 154
Decimal	11367066
CIE Lab	55.33, 29.47, -12.07
CIE LCh	55, 31.845, 337.727
Yxy	23.2520, 0.3387, 0.2708
Android (android.graphics.Color)	4289557146 (0xFFAD729A)
YUV	136.2010, 8.7749, 32.2727
Hunter-Lab	48.2203, 23.2749, -7.4695

Details

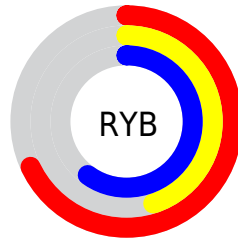
The XYZ color **29.0836, 23.2520, 33.5271** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.1176, 35.1586, 27.6015**, and the grayscale version is **23.4400, 24.6607, 26.8555**.

A 20% lighter version of the original color is **57.5170, 48.8495, 66.0719**, and **11.9462, 8.6818, 13.8781** is the 20% darker color. If you saturate the color by 10%, you get **26.8605, 19.5309, 30.5496**, and if you desaturate by 10%, it is **31.6987, 27.7219, 36.7420**.

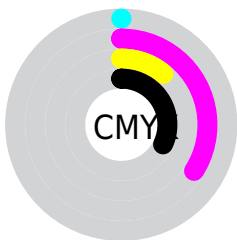
Distribution



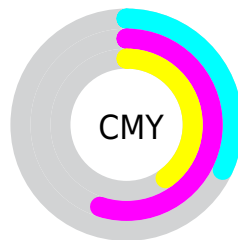
- Red (68%)
- Green (45%)
- Blue (60%)



- Red (68%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (32%)





- Cyan (32%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0836, 23.2520, 33.5271 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 29.0836, 23.2520, 33.5271 by changing the saturation by 10% instead.


 29.0836, 23.2520,
33.5271


 29.0836, 23.2520,
33.5271


289.5963,
269.0167, 332.7228

 19.2887, 14.7797,
22.2561

 57.6065, 48.8068,
66.3231


 11.9843, 8.6649,
13.8451


 77.0652, 66.6580,
88.6851

 6.8051, 4.5233,
7.8755


 100.4759, 88.4044,
115.5813

 3.3858, 1.9704,
3.9288

 128.2039,
114.4303, 147.4301

 1.3609, 0.5902,
1.5863

160.6146,
145.1201, 184.6502

 0.2281, 0.0000,
0.2810

198.0733,

 0.0000, 0.0000,

180.8581, 227.6599

0.0000

240.9454,
222.0289, 276.8779

■ 29.0836, 23.2520,
33.5271

■ 29.0836, 23.2520,
33.5271

■ 26.8605, 19.5309,
30.5496

■ 31.6987, 27.7219,
36.7420

■ 25.0061, 16.5136,
27.7997

■ 34.7233, 32.9761,
40.2009

■ 23.4979, 14.1553,
25.2685

■ 38.1761, 39.0515,
43.9115

■ 22.3100, 12.4043,
22.9461

■ 42.0743, 45.9817,
47.8810

■ 21.4124, 11.2015,
20.8208

■ 46.4339, 53.7986,
52.1160

■ 20.7694, 10.4758,
18.8792

■ 51.2702, 62.5322,
56.6229

■ 20.4614, 10.1754,
17.8034

■ 56.5978, 72.2113,
61.4079

■ 62.4306, 82.8634,
66.4768

■ 63.9100, 84.7708,
70.2114

Harmonies

Analogous

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



26.5742, 23.2520, 44.2759



29.0836, 23.2520, 33.5271



29.6274, 23.2520, 22.7642

Triad

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



29.0836, 23.2520, 33.5271



21.1898, 23.2520, 10.4019



17.1017, 23.2520, 39.3591

Complementary

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



29.0836, 23.2520, 33.5271



26.1176, 35.1586, 27.6015

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.



15.9701, 23.2520, 28.0549



29.0836, 23.2520, 33.5271



18.1590, 23.2520, 12.7305

Square

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



29.0836, 23.2520, 33.5271



24.8066, 23.2520, 11.1306



16.3352, 23.2520, 18.5710



19.5984, 23.2520, 48.2262

Rectangle

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



29.0836, 23.2520, 33.5271



28.7532, 23.2520, 17.2254



16.3352, 23.2520, 18.5710



16.5620, 23.2520, 35.6143

Sweetspot

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



29.0843, 23.2531, 33.5276



64.5227, 63.1523, 74.5527



23.1841, 20.0139, 42.1765



13.8440, 13.4114, 16.0084



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.0843, 23.2531, 33.5276



48.9940, 36.4512, 55.9471



26.9417, 22.3960, 22.2448



8.2257, 8.1035, 9.4992



15.0588, 7.4861, 13.2210



0.4425, 0.2177, 0.4918

Inverse Universe

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



29.0843, 23.2531, 33.5276



48.9940, 36.4512, 55.9471



28.4217, 36.0802, 39.7347



8.2257, 8.1035, 9.4992



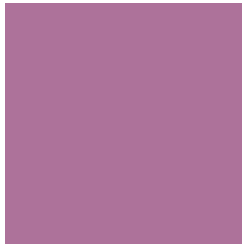
15.0588, 7.4861, 13.2210



0.4425, 0.2177, 0.4918

Previews

White Background



This preview shows how the XYZ color 29.0836, 23.2520, 33.5271 looks on a white background.

Color Contrast Check

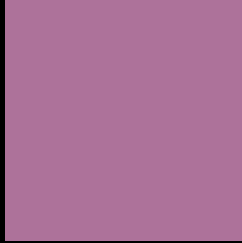
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0836, 23.2520, 33.5271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

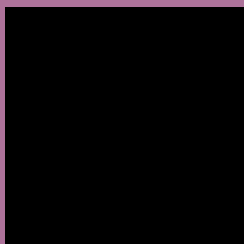
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0836, 23.2520, 33.5271

Background



This preview shows how black text looks on a background with the XYZ color 29.0836, 23.2520, 33.5271.



This preview shows how white text looks on a background with the XYZ color 29.0836, 23.2520,

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

29.0836, 23.2520, 33.5271

Protanopia

23.5916, 23.6157, 39.3913

Deuteranopia

23.7527, 23.2532, 32.5146



Tritanopia

27.0707, 23.2982, 23.4923

Trichromacy



Original Color

29.0836, 23.2520, 33.5271

Protanomaly

25.0105, 23.0266, 37.3088

Deuteranomaly

25.4528, 23.1663, 32.8358

Tritanomaly

27.6712, 23.1866, 26.6839

Monochromacy



Original Color

29.0836, 23.2520, 33.5271

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.0715, 23.8111, 29.2612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0836, 23.2520, 33.5271 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(173, 114, 154)` looks like.

```
.text, #text, p{  
    color:rgb(173, 114, 154)  
}
```

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(173, 114, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 114, 154) }
```

Border

The CSS property to change the border of an element to XYZ 29.0836, 23.2520, 33.5271 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(173, 114, 154) }
```


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

```
.border{ border-color:rgb(173, 114, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 114, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 114, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 114, 154);  
box-shadow:4px 4px 4px 4px rgb(173, 114,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0836, 23.2520, 33.5271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 114, 154) }
```

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

```
.background{ background-color: rgb(173,  
114, 154) }
```

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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