

Converting Colors

XYZ(29.6721, 23.6945, 34.9079)

Have a look what the booklet for
XYZ(29.6721, 23.6945, 34.9079)
contains.

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Color

**XYZ(29.6721, 23.6945,
34.9079)**

Conversions

Conversions Part 1

Format	Color
Hex	AE739D
RGB	174, 115, 157
RGB Percent	68%, 45%, 62%
CMY	0.3176, 0.5490, 0.3843
CMYK	0.00, 0.34, 0.10, 0.32
HSL	317°, 27%, 57%
HSV	317°, 34%, 68%
XYZ	29.6721, 23.6945, 34.9079
YIQ	137.4290, 21.6820, 25.5700

Conversions

Conversions Part 2

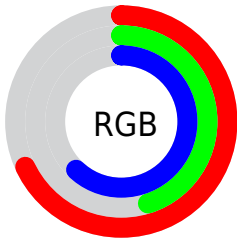
Format	Color
R_{YB}	174, 115, 157
Decimal	11432861
CIE _{Lab}	55.78, 29.79, -13.12
CIE _{LCh}	56, 32.551, 336.223
Yxy	23.6945, 0.3361, 0.2684
Android (android.graphics.Color)	4289622941 (0xFFAE739D)
YUV	137.4290, 9.6485, 32.0728
Hunter-Lab	48.6770, 23.6237, -8.4449

Details

The XYZ color **29.6721, 23.6945, 34.9079** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.3722, 35.5836, 27.3097**, and the grayscale version is **23.8997, 25.1444, 27.3822**.

A 20% lighter version of the original color is **58.5194, 49.5817, 68.7733**, and **12.2375, 8.8143, 14.6920** is the 20% darker color. If you saturate the color by 10%, you get **27.4529, 19.9268, 32.0995**, and if you desaturate by 10%, it is **32.2848, 28.2204, 37.9347**.

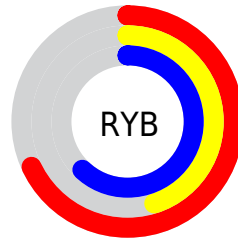
Distribution



Red (68%)

Green (45%)

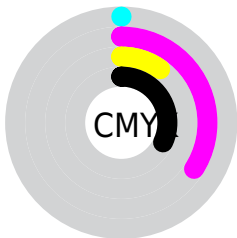
Blue (62%)



Red (68%)

Yellow (45%)

Blue (62%)

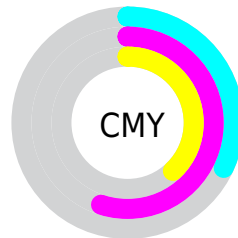


Cyan (0%)

Magenta (34%)

Yellow (10%)

Black (32%)



Cyan (32%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6721, 23.6945, 34.9079 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 29.6721, 23.6945, 34.9079 by changing the saturation by 10% instead.

■ 29.6721, 23.6945,
34.9079

■ 29.6721, 23.6945,
34.9079

292.3104,
271.2723, 339.0535

■ 19.7367, 15.1072,
23.3090

■ 58.5334, 49.5312,
68.4930

■ 12.3109, 8.8946,
14.6144

■ 78.1900, 67.5494,
91.3163

■ 7.0295, 4.6725,
8.4056

■ 101.8178, 89.4799,
118.7180

■ 3.5271, 2.0564,
4.2641

■ 129.7819,
115.7072, 151.1169

■ 1.4382, 0.6399,
1.7713

162.4479,
146.6157, 188.9313

■ 0.2832, 0.0000,
0.4089

200.1811,

■ 0.0000, 0.0000,

182.5898, 232.5798

0.0000

243.3468,
224.0139, 282.4811

■ 29.6721, 23.6945,
34.9079

■ 29.6721, 23.6945,
34.9079

■ 27.4529, 19.9268,
32.0995

■ 32.2848, 28.2204,
37.9347

■ 25.6037, 16.8718,
29.4998

■ 35.3086, 33.5402,
41.1860

■ 24.1018, 14.4839,
27.1004


■ 38.7624, 39.6914,
44.6693


■ 22.9210, 12.7111,
24.8917


■ 42.6635, 46.7081,
48.3913


■ 22.0312, 11.4935,
22.8625


■ 47.0281, 54.6224,
52.3585


 21.3963, 10.7593,
20.9995

 51.8716, 63.4647,
56.5769

 21.0851, 10.4505,
19.9288

 57.2087, 73.2643,
61.0523

 63.0535, 84.0489,
65.7903

 63.8913, 84.7890,
68.9537

Harmonies

Analogous

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



26.9879, 23.6945, 45.9529



29.6721, 23.6945, 34.9079



30.3520, 23.6945, 23.6549

Triad

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



29.6721, 23.6945, 34.9079



21.7591, 23.6945, 10.3923



17.2595, 23.6945, 39.7956

Complementary

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



29.6721, 23.6945, 34.9079



26.3722, 35.5836, 27.3097

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.



16.1679, 23.6945, 28.0695



29.6721, 23.6945, 34.9079



18.5762, 23.6945, 12.6149

Square

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



29.6721, 23.6945, 34.9079



25.5100, 23.6945, 11.2942



16.6223, 23.6945, 18.4314



19.7749, 23.6945, 49.2723

Rectangle

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



29.6721, 23.6945, 34.9079



29.5182, 23.6945, 17.8090



16.6223, 23.6945, 18.4314



16.7272, 23.6945, 35.8804

Sweetspot

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



29.6728, 23.6956, 34.9084



66.2890, 64.8189, 77.0129



23.2433, 20.2015, 42.7190



14.5464, 14.0743, 16.9260



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.



29.6728, 23.6956, 34.9084



50.6155, 37.5220, 59.3026



27.4692, 22.8141, 23.3044



8.2372, 8.1081, 9.5599



15.3196, 7.5904, 14.5944



0.4483, 0.2200, 0.5224

Inverse Universe

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



29.6728, 23.6956, 34.9084



50.6155, 37.5220, 59.3026



28.6593, 36.4984, 39.3536



8.2372, 8.1081, 9.5599



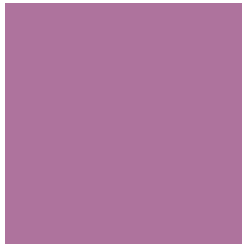
15.3196, 7.5904, 14.5944



0.4483, 0.2200, 0.5224

Previews

White Background



This preview shows how the XYZ color 29.6721, 23.6945, 34.9079 looks on a white background.

Color Contrast Check

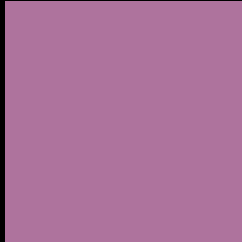
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6721, 23.6945, 34.9079 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 29.6721, 23.6945, 34.9079

Background



This preview shows how black text looks on a background with the XYZ color 29.6721, 23.6945, 34.9079.



This preview shows how white text looks on a background with the XYZ color 29.6721, 23.6945,

34.9079.

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

29.6721, 23.6945, 34.9079

Protanopia

24.0064, 23.9996, 40.9032

Deuteranopia

24.2656, 23.8841, 33.9030



Tritanopia

27.4735, 23.6758, 23.8908

Trichromacy



Original Color

29.6721, 23.6945, 34.9079

Protanomaly

25.5801, 23.4780, 38.7808

Deuteranomaly

25.8277, 23.5178, 34.1885

Tritanomaly

28.1519, 23.5916, 27.4960

Monochromacy



Original Color

29.6721, 23.6945, 34.9079

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.4620, 24.1982, 29.7143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6721, 23.6945, 34.9079 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(174, 115, 157)` looks like.

```
.text, #text, p{  
    color:rgb(174, 115, 157)  
}
```

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(174, 115, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 115, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.6721, 23.6945, 34.9079 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(174, 115, 157) }
```


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

```
.border{ border-color:rgb(174, 115, 157) }
```

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

Here you see how a box with a 4 pixel rgb(174, 115, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 115, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 115, 157);  
box-shadow:4px 4px 4px 4px rgb(174, 115,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6721, 23.6945, 34.9079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 115, 157) }
```

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

```
.background{ background-color: rgb(174,  
115, 157) }
```

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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