

Converting Colors

XYZ(29.0292, 24.0596, 35.6156)

Have a look what the booklet for
XYZ(29.0292, 24.0596, 35.6156)
contains.

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Color

**XYZ(28.9168, 23.9871,
35.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	A8779E
RGB	168, 119, 158
RGB Percent	66%, 47%, 62%
CMY	0.3412, 0.5333, 0.3804
CMYK	0.00, 0.29, 0.06, 0.34
HSL	312°, 22%, 56%
HSV	312°, 29%, 66%
XYZ	28.9168, 23.9871, 35.4536
YIQ	138.0970, 16.6850, 22.5170

Conversions

Conversions Part 2

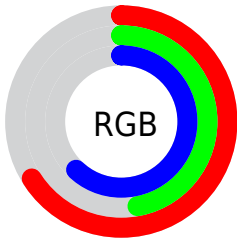
Format	Color
R_{YB}	168, 119, 158
Decimal	11040670
CIE _{Lab}	56.07, 25.62, -13.33
CIE _{LCh}	56, 28.876, 332.517
Yxy	23.9871, 0.3273, 0.2715
Android (android.graphics.Color)	4289230750 (0xFFA8779E)
YUV	138.0970, 9.8122, 26.2249
Hunter-Lab	48.9766, 19.6809, -8.6357

Details

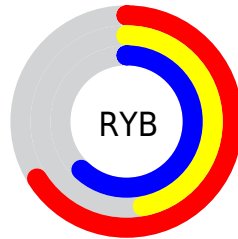
The XYZ color **28.9168, 23.9871, 35.4536** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.5738, 33.5129, 25.8911**, and the grayscale version is **24.1544, 25.4123, 27.6740**.

A 20% lighter version of the original color is **57.5032, 50.1564, 69.6012**, and **11.9142, 9.0867, 15.0359** is the 20% darker color. If you saturate the color by 10%, you get **26.8005, 20.2200, 33.3124**, and if you desaturate by 10%, it is **31.3962, 28.4665, 37.7570**.

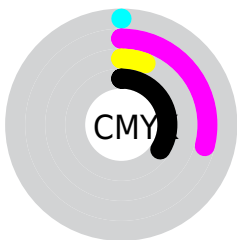
Distribution



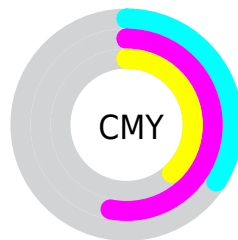
- Red (66%)
- Green (47%)
- Blue (62%)



- Red (66%)
- Yellow (47%)
- Blue (62%)



- Cyan (0%)
- Magenta (29%)
- Yellow (6%)
- Black (34%)



- Cyan (34%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9168, 23.9871, 35.4536 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 28.9168, 23.9871, 35.4536 by changing the saturation by 10% instead.

■ 28.9168, 23.9871,
35.4536

■ 28.9168, 23.9871,
35.4536

288.8235,
272.7553, 341.5309

■ 19.1619, 15.3241,
23.7262

■ 57.3433, 50.0091,
69.3474

■ 11.8920, 9.0471,
14.9203

■ 76.7457, 68.1369,
92.3508

■ 6.7418, 4.7719,
8.6175

■ 100.0945, 90.1884,
119.9500

■ 3.3461, 2.1141,
4.3991

127.7551,
116.5480, 152.5634

■ 1.3393, 0.6725,
1.8468

160.0930,
147.6001, 190.6097

■ 0.2123, 0.0000,
0.4585

197.4735,

■ 0.0000, 0.0000,

183.7291, 234.5074

0.0000

240.2618,
225.3193, 284.6749

■ 28.9168, 23.9871,
35.4536

■ 28.9168, 23.9871,
35.4536

■ 26.8005, 20.2200,
33.3124

■ 31.3962, 28.4665,
37.7570

■ 25.0265, 17.1247,
31.3254

■ 34.2538, 33.6895,
40.2271

■ 23.5751, 14.6616,
29.4859

■ 37.5066, 39.6894,
42.8702

■ 22.4237, 12.7858,
27.7860

■ 41.1697, 46.4965,
45.6918

■ 21.5468, 11.4460,
26.2170

■ 45.2577, 54.1397,
48.6968

■ 20.9143, 10.5826,
24.7684

■ 49.7842, 62.6462,
51.8902

■ 20.4668, 10.0766,
23.4200

■ 54.7622, 72.0421,
55.2766

■ 20.4316, 10.0381,
23.3098

■ 60.2044, 82.3523,
58.8606

■ 61.0788, 83.5130,
60.9651

Harmonies

Analogous

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



26.3900, 23.9871, 44.6756



28.9168, 23.9871, 35.4536



29.7583, 23.9871, 25.3266

Triad

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



28.9168, 23.9871, 35.4536



22.5210, 23.9871, 11.8242



17.8474, 23.9871, 37.1784

Complementary

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



28.9168, 23.9871, 35.4536



25.5738, 33.5129, 25.8911

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.



17.0193, 23.9871, 26.9255



28.9168, 23.9871, 35.4536



19.5495, 23.9871, 13.5768

Square

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



28.9168, 23.9871, 35.4536



25.8606, 23.9871, 13.0665



17.6114, 23.9871, 18.5843



19.9892, 23.9871, 45.8288

Rectangle

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



28.9168, 23.9871, 35.4536



29.1905, 23.9871, 19.7475



17.6114, 23.9871, 18.5843



17.4161, 23.9871, 33.7292

Sweetspot

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



28.9175, 23.9882, 35.4541



62.1577, 61.1333, 72.9970



22.6887, 20.6735, 39.8407



13.3800, 13.0166, 15.7692



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.9175, 23.9882, 35.4541



49.9133, 38.9573, 61.7860



27.0283, 23.2325, 25.5056



7.7753, 7.6400, 9.1341



15.4477, 7.5878, 17.7010



0.3920, 0.1911, 0.5157

Inverse Universe

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



28.9175, 23.9882, 35.4541



49.9133, 38.9573, 61.7860



27.3858, 34.2377, 35.4330



7.7753, 7.6400, 9.1341



15.4477, 7.5878, 17.7010



0.3920, 0.1911, 0.5157

Previews

White Background



This preview shows how the XYZ color 28.9168, 23.9871, 35.4536 looks on a white background.

Color Contrast Check

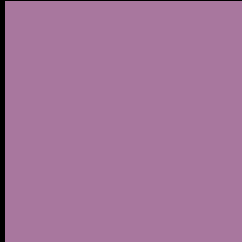
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9168, 23.9871, 35.4536 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 28.9168, 23.9871, 35.4536

Background



This preview shows how black text looks on a background with the XYZ color 28.9168, 23.9871, 35.4536.



This preview shows how white text looks on a background with the XYZ color 28.9168, 23.9871,

35.4536.

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

28.9168, 23.9871, 35.4536

Protanopia

24.0596, 24.0378, 40.4175

Deuteranopia

24.5983, 24.0362, 34.7955



Tritanopia

26.9583, 24.1081, 25.4228

Trichromacy



Original Color

28.9168, 23.9871, 35.4536

Protanomaly

25.4045, 23.7814, 38.3733

Deuteranomaly

26.0696, 24.0026, 35.1572

Tritanomaly

27.5679, 23.9791, 28.7666

Monochromacy



Original Color

28.9168, 23.9871, 35.4536

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.6216, 24.6665, 30.1988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9168, 23.9871, 35.4536 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(168, 119, 158)` looks like.

```
.text, #text, p{  
    color:rgb(168, 119, 158)  
}
```

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(168, 119, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 119, 158) }
```

Border

The CSS property to change the border of an element to XYZ 28.9168, 23.9871, 35.4536 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(168, 119, 158) }
```


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

```
.border{ border-color:rgb(168, 119, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 119, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 119, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 119, 158);  
box-shadow:4px 4px 4px 4px rgb(168, 119,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9168, 23.9871, 35.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 119, 158) }
```

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

```
.background{ background-color: rgb(168,  
119, 158) }
```

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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