

Converting Colors

XYZ(29.5971, 24.2172, 38.7832)

Have a look what the booklet for
XYZ(29.5971, 24.2172, 38.7832)
contains.

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Color

**XYZ(29.5368, 24.2351,
38.7184)**

Conversions

Conversions Part 1

Format	Color
Hex	A877A5
RGB	168, 119, 165
RGB Percent	66%, 47%, 65%
CMY	0.3412, 0.5333, 0.3529
CMYK	0.00, 0.29, 0.02, 0.34
HSL	304°, 22%, 56%
HSV	304°, 29%, 66%
XYZ	29.5368, 24.2351, 38.7184
YIQ	138.8950, 14.4380, 24.6940

Conversions

Conversions Part 2

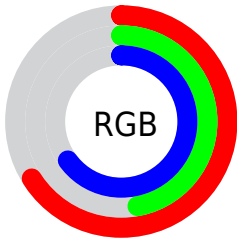
Format	Color
R_{YB}	168, 119, 165
Decimal	11040677
CIE _{Lab}	56.32, 26.94, -17.00
CIE _{LCh}	56, 31.852, 327.745
Yxy	24.2351, 0.3194, 0.2620
Android (android.graphics.Color)	4289230757 (0xFFA877A5)
YUV	138.8950, 12.8698, 25.5251
Hunter-Lab	49.2292, 20.9465, -12.1708

Details

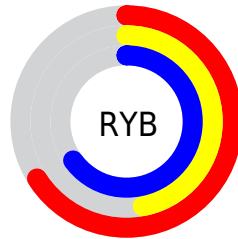
The XYZ color **29.5368, 24.2351, 38.7184** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.1242, 33.3331, 23.5235**, and the grayscale version is **24.4490, 25.7223, 28.0116**.

A 20% lighter version of the original color is **58.4113, 50.5196, 74.3828**, and **12.2410, 9.2174, 16.7567** is the 20% darker color. If you saturate the color by 10%, you get **27.6184, 20.5471, 37.6191**, and if you desaturate by 10%, it is **31.8109, 28.6324, 39.9406**.

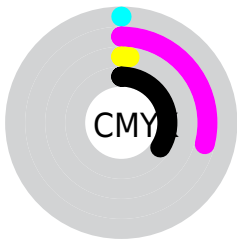
Distribution



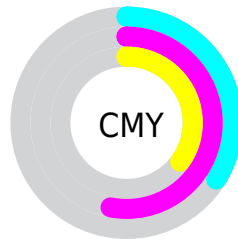
- Red (66%)
- Green (47%)
- Blue (65%)



- Red (66%)
- Yellow (47%)
- Blue (65%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (34%)



- Cyan (34%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5368, 24.2351, 38.7184 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 29.5368, 24.2351, 38.7184 by changing the saturation by 10% instead.

■ 29.5368, 24.2351,
38.7184

■ 29.5368, 24.2351,
38.7184

291.6881,
274.0069, 356.0819

■ 19.6336, 15.5081,
26.2346

■ 58.3206, 50.4136,
74.4235

■ 12.2357, 9.1768,
16.7719

■ 77.9318, 68.6339,
98.4819

■ 6.9777, 4.8567,
9.9117

■ 101.5098, 90.7874,
127.2356

■ 3.4944, 2.1634,
5.2356

129.4199,
117.2585, 161.1031

■ 1.4203, 0.6999,
2.3250

162.0274,
148.4316, 200.5029

■ 0.2706, 0.0000,
0.7452

199.6977,

■ 0.0000, 0.0000,

184.6911, 245.8536

0.0000

242.7961,
226.4214, 297.5738

■ 29.5368, 24.2351,
38.7184

■ 29.5368, 24.2351,
38.7184

■ 27.6184, 20.5471,
37.6191

■ 31.8109, 28.6324,
39.9406

■ 26.0348, 17.5280,
36.6348

■ 34.4556, 33.7702,
41.2897

■ 24.7665, 15.1382,
35.7592

■ 37.4879, 39.6819,
42.7718

■ 23.7909, 13.3326,
34.9850

■ 40.9229, 46.3978,
44.3919

■ 23.0825, 12.0603,
34.3035

■ 44.7750, 53.9467,
46.1547

■ 22.6114, 11.2614,
33.7048

■ 49.0578, 62.3557,
48.0649

■ 22.3182, 10.8171,
33.1690

■ 53.7843, 71.6509,
50.1267

■ 22.2956, 10.7837,
33.1251

■ 58.9670, 81.8574,
52.3444

■ 59.5740, 82.9111,
53.0406

Harmonies

Analogous

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



26.4806, 24.2351, 48.6359



29.5368, 24.2351, 38.7184



30.8350, 24.2351, 27.1918

Triad

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



29.5368, 24.2351, 38.7184



23.3137, 24.2351, 10.9004



17.3337, 24.2351, 36.9656

Complementary

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



29.5368, 24.2351, 38.7184



25.1242, 33.3331, 23.5235

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.



16.6751, 24.2351, 25.6000



29.5368, 24.2351, 38.7184



19.9016, 24.2351, 12.2321

Square

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



29.5368, 24.2351, 38.7184



27.0123, 24.2351, 12.7150



17.5646, 24.2351, 17.0000



19.4681, 24.2351, 47.4493

Rectangle

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



29.5368, 24.2351, 38.7184



30.4354, 24.2351, 20.6922



17.5646, 24.2351, 17.0000



16.9430, 24.2351, 33.0432

Sweetspot

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



29.5376, 24.2362, 38.7189



62.5238, 61.2798, 74.9252



21.6142, 20.1196, 39.7906



13.4718, 13.0534, 16.2525



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.



29.5376, 24.2362, 38.7189



51.2724, 39.5010, 68.9429



27.5576, 23.4442, 28.2926



7.8218, 7.6586, 9.3787



16.8434, 8.1461, 25.0508



0.4155, 0.2005, 0.6397

Inverse Universe

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



29.5376, 24.2362, 38.7189



51.2724, 39.5010, 68.9429



26.7957, 34.0017, 32.3254



7.8218, 7.6586, 9.3787



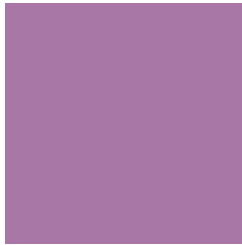
16.8434, 8.1461, 25.0508



0.4155, 0.2005, 0.6397

Previews

White Background



This preview shows how the XYZ color 29.5368, 24.2351, 38.7184 looks on a white background.

Color Contrast Check

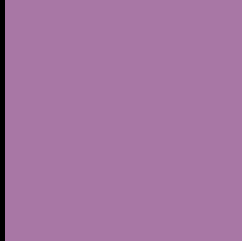
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5368, 24.2351, 38.7184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

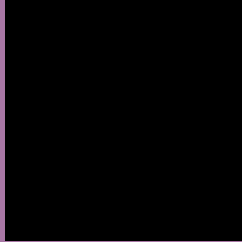
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5368, 24.2351, 38.7184

Background



This preview shows how black text looks on a background with the XYZ color 29.5368, 24.2351, 38.7184.



This preview shows how white text looks on a background with the XYZ color 29.5368, 24.2351,

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

29.5368, 24.2351, 38.7184

Protanopia

24.6738, 24.4699, 44.4970

Deuteranopia

24.8538, 24.2978, 38.0303



Tritanopia

26.9465, 24.2810, 25.8207

Trichromacy



Original Color

29.5368, 24.2351, 38.7184

Protanomaly

26.1119, 24.2545, 42.3351

Deuteranomaly

26.3228, 24.0621, 38.3790

Tritanomaly

27.7108, 24.2096, 30.0005

Monochromacy



Original Color

29.5368, 24.2351, 38.7184

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.1742, 25.1247, 31.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5368, 24.2351, 38.7184 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(168, 119, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 119, 165) }
```

Border

The CSS property to change the border of an element to XYZ 29.5368, 24.2351, 38.7184 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, 165) }
```


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

```
.border{ border-color:rgb(168, 119, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 119, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 119, 165);  
box-shadow:4px 4px 4px 4px rgb(168, 119,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5368, 24.2351, 38.7184 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, 165) }
```

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

```
.background{ background-color: rgb(168,  
119, 165) }
```

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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