

Converting Colors

XYZ(27.9584, 24.2096, 41.6440)

Have a look what the booklet for
XYZ(27.9584, 24.2096, 41.6440)
contains.

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Color

**XYZ(28.0759, 24.3241,
41.7433)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7CAB
RGB	155, 124, 171
RGB Percent	61%, 49%, 67%
CMY	0.3922, 0.5137, 0.3294
CMYK	0.09, 0.27, 0.00, 0.33
HSL	280°, 22%, 58%
HSV	280°, 27%, 67%
XYZ	28.0759, 24.3241, 41.7433
YIQ	138.6270, 3.3890, 21.1890

Conversions

Conversions Part 2

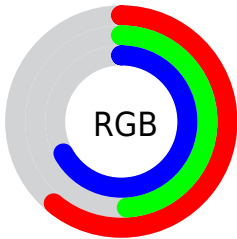
Format	Color
R _Y B	155, 124, 171
Decimal	10189995
CIE _{Lab}	56.41, 20.88, -20.44
CIE _{LCh}	56, 29.221, 315.600
Y _{xy}	24.3241, 0.2982, 0.2584
Android (android.graphics.Color)	4288380075 (0xFF9B7CAB)
YUV	138.6270, 15.9599, 14.3591
Hunter-Lab	49.3195, 15.3049, -15.6586

Details

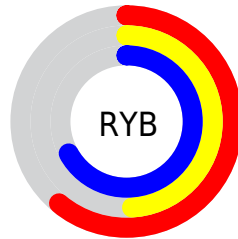
The XYZ color **28.0759, 24.3241, 41.7433** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.0169, 36.1570, 24.5195**, and the grayscale version is **24.3377, 25.6052, 27.8840**.

A 20% lighter version of the original color is **56.0279, 50.6369, 78.7724**, and **11.4394, 9.2476, 18.6348** is the 20% darker color. If you saturate the color by 10%, you get **25.0257, 19.8420, 41.0393**, and if you desaturate by 10%, it is **31.5531, 29.5792, 42.5747**.

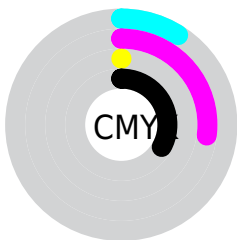
Distribution



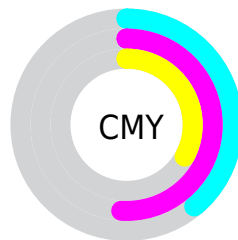
- Red (61%)
- Green (49%)
- Blue (67%)



- Red (61%)
- Yellow (49%)
- Blue (67%)



- Cyan (9%)
- Magenta (27%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0759, 24.3241, 41.7433 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 28.0759, 24.3241, 41.7433 by changing the saturation by 10% instead.

■ 28.0759, 24.3241,
41.7433

■ 28.0759, 24.3241,
41.7433

284.9029,
274.4549, 369.1859

■ 18.5236, 15.5742,
28.5763

■ 56.0134, 50.5586,
79.0769

■ 11.4285, 9.2234,
18.5177

■ 75.1293, 68.8119,
104.0805

■ 6.4253, 4.8872,
11.1490

■ 98.1639, 91.0019,
133.8667

■ 3.1484, 2.1812,
6.0517

125.4823,
117.5129, 168.8541

■ 1.2327, 0.7097,
2.8073

157.4501,
148.7293, 209.4612

■ 0.1320, 0.0000,
0.9971

194.4326,

■ 0.0000, 0.0000,

185.0355, 256.1065

0.0000

236.7951,
226.8160, 309.2085

■ 28.0759, 24.3241,
41.7433

■ 28.0759, 24.3241,
41.7433

■ 25.0257, 19.8420,
41.0393

■ 31.5531, 29.5792,
42.5747

■ 22.3803, 16.0912,
40.4548

■ 35.4736, 35.6402,
43.5380

■ 20.1187, 13.0304,
39.9832

■ 39.8554, 42.5419,
44.6392

■ 18.2172, 10.6130,
39.6168

■ 44.7151, 50.3159,
45.8836

■ 16.6488, 8.7866,
39.3469

■ 50.0680, 58.9924,
47.2762

■ 15.3824, 7.4899,
39.1634

■ 55.9291, 68.5999,
48.8218

■ 14.3698, 6.6281,
39.0504

■ 62.3125, 79.1658,
50.5247

■ 14.1335, 6.4370,
39.0260

■ 67.3522, 86.9572,
51.7630

■ 68.9529, 87.7824,
51.8379

Harmonies

Analogous

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



24.9098, 24.3241, 48.7377



28.0759, 24.3241, 41.7433



29.9963, 24.3241, 31.3841

Triad

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



28.0759, 24.3241, 41.7433



24.7721, 24.3241, 12.2473



17.4121, 24.3241, 31.8071

Complementary

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



28.0759, 24.3241, 41.7433



29.0169, 36.1570, 24.5195

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.



17.3830, 24.3241, 22.1239



28.0759, 24.3241, 41.7433



21.4168, 24.3241, 12.3077

Square

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



28.0759, 24.3241, 41.7433



27.9666, 24.3241, 15.2961



18.7834, 24.3241, 15.4878



18.8672, 24.3241, 42.1172

Rectangle

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



28.0759, 24.3241, 41.7433



30.2026, 24.3241, 24.7113



18.7834, 24.3241, 15.4878



17.2403, 24.3241, 28.3412

Sweetspot

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



28.0767, 24.3251, 41.7438



63.0441, 63.0698, 77.8528



25.1077, 26.1143, 42.2457



13.8182, 13.6898, 17.3018



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.



28.0767, 24.3251, 41.7438



46.8621, 38.5074, 73.9646



30.6992, 25.7527, 38.4515



8.0683, 8.0095, 10.0734



10.7124, 4.8823, 29.4223



0.3534, 0.1644, 0.8211

Inverse Universe

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



28.7366, 24.9676, 28.1165



48.3661, 39.9259, 44.9783



26.9760, 35.0515, 26.8353



8.1136, 8.0587, 8.9088



13.2630, 6.7677, 3.7644



0.3950, 0.1987, 0.2419

Previews

White Background



This preview shows how the XYZ color 28.0759, 24.3241, 41.7433 looks on a white background.

Color Contrast Check

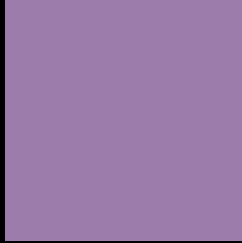
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0759, 24.3241, 41.7433 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 28.0759, 24.3241, 41.7433

Background



This preview shows how black text looks on a background with the XYZ color 28.0759, 24.3241, 41.7433.



This preview shows how white text looks on a background with the XYZ color 28.0759, 24.3241,

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

28.0759, 24.3241, 41.7433

Protanopia

24.7294, 24.4755, 45.5403

Deuteranopia

24.9090, 24.4649, 40.9455



Tritanopia

25.2939, 24.3427, 28.1764

Trichromacy



Original Color

28.0759, 24.3241, 41.7433

Protanomaly

25.7122, 24.2113, 43.8755

Deuteranomaly

26.0535, 24.4430, 41.3750

Tritanomaly

26.2540, 24.3481, 32.5941

Monochromacy



Original Color

28.0759, 24.3241, 41.7433

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.7881, 25.3043, 32.8032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0759, 24.3241, 41.7433 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(155, 124, 171)` looks like.

```
.text, #text, p{  
    color:rgb(155, 124, 171)  
}
```

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(155, 124, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 124, 171) }
```

Border

The CSS property to change the border of an element to XYZ 28.0759, 24.3241, 41.7433 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(155, 124, 171) }
```


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

```
.border{ border-color:rgb(155, 124, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 124, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 124, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 124, 171);  
box-shadow:4px 4px 4px 4px rgb(155, 124,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0759, 24.3241, 41.7433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 124, 171) }
```

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

```
.background{ background-color: rgb(155,  
124, 171) }
```

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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