

Converting Colors

XYZ(28.1318, 24.2709, 42.0875)

Have a look what the booklet for
XYZ(28.1318, 24.2709, 42.0875)
contains.

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Color

**XYZ(28.1716, 24.3624,
42.2473)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7CAC
RGB	155, 124, 172
RGB Percent	61%, 49%, 67%
CMY	0.3922, 0.5137, 0.3255
CMYK	0.10, 0.28, 0.00, 0.33
HSL	279°, 22%, 58%
HSV	279°, 28%, 67%
XYZ	28.1716, 24.3624, 42.2473
YIQ	138.7410, 3.0680, 21.5000

Conversions

Conversions Part 2

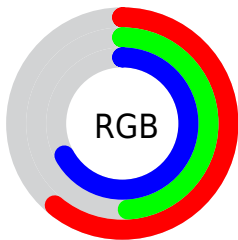
Format	Color
R _Y B	155, 124, 172
Decimal	10189996
CIE Lab	56.45, 21.09, -20.96
CIE LCh	56, 29.736, 315.177
Yxy	24.3624, 0.2972, 0.2570
Android (android.graphics.Color)	4288380076 (0xFF9B7CAC)
YUV	138.7410, 16.3967, 14.2591
Hunter-Lab	49.3583, 15.5032, -16.1974

Details

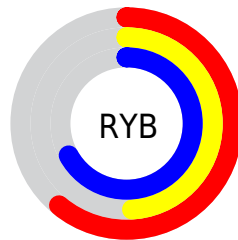
The XYZ color **28.1716, 24.3624, 42.2473** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.3759, 36.6236, 24.5907**, and the grayscale version is **24.3799, 25.6495, 27.9324**.

A 20% lighter version of the original color is **56.3041, 50.7474, 80.2265**, and **11.4998, 9.2718, 18.9528** is the 20% darker color. If you saturate the color by 10%, you get **25.0616, 19.8341, 41.5375**, and if you desaturate by 10%, it is **31.7181, 29.6751, 43.0862**.

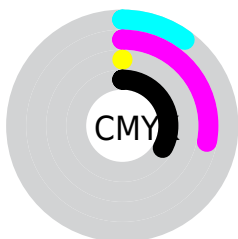
Distribution



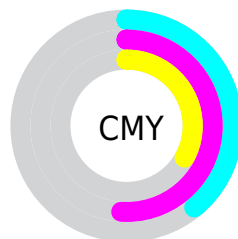
- Red (61%)
- Green (49%)
- Blue (67%)



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



- Cyan (10%)
- Magenta (28%)
- Yellow (0%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1716, 24.3624, 42.2473 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 28.1716, 24.3624, 42.2473 by changing the saturation by 10% instead.

■ 28.1716, 24.3624,
42.2473

■ 28.1716, 24.3624,
42.2473

285.3512,
274.6476, 371.3369

■ 18.5962, 15.6027,
28.9680

■ 56.1650, 50.6209,
79.8479

■ 11.4811, 9.2434,
18.8112

■ 75.3137, 68.8885,
105.0062

■ 6.4611, 4.9003,
11.3585

■ 98.3842, 91.0942,
134.9613

■ 3.1707, 2.1889,
6.1913

125.7419,
117.6224, 170.1317

■ 1.2447, 0.7139,
2.8911

157.7521,
148.8574, 210.9359

■ 0.1412, 0.0000,
1.0393

194.7801,

■ 0.0000, 0.0000,

185.1837, 257.7925

0.0000

237.1914,
226.9856, 311.1200

■ 28.1716, 24.3624,
42.2473

■ 28.1716, 24.3624,
42.2473

■ 25.0616, 19.8341,
41.5375

■ 31.7181, 29.6751,
43.0862

■ 22.3655, 16.0476,
40.9488

■ 35.7177, 35.8058,
44.0588

■ 20.0617, 12.9609,
40.4744

■ 40.1890, 42.7898,
45.1711

■ 18.1259, 10.5265,
40.1065

■ 45.1487, 50.6594,
46.4287

■ 16.5305, 8.6906,
39.8363

■ 50.6127, 59.4452,
47.8366

15.2436, 7.3909,
39.6532

56.5962, 69.1763,
49.3995

14.2135, 6.5252,
39.5404

63.1137, 79.8806,
51.1221

14.0125, 6.3635,
39.5198

68.0358, 87.2986,
52.2945

69.7356, 88.1749,
52.3741

Harmonies

Analogous

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



24.9310, 24.3624, 49.3328



28.1716, 24.3624, 42.2473



30.1572, 24.3624, 31.6744

Triad

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



28.1716, 24.3624, 42.2473



24.8896, 24.3624, 12.1038



17.3403, 24.3624, 31.8017

Complementary

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



28.1716, 24.3624, 42.2473



29.3759, 36.6236, 24.5907

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.



17.3316, 24.3624, 21.9690



28.1716, 24.3624, 42.2473



21.4668, 24.3624, 12.1218

Square

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



28.1716, 24.3624, 42.2473



28.1387, 24.3624, 15.2306



18.7736, 24.3624, 15.2878



18.7988, 24.3624, 42.3602

Rectangle

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



28.1716, 24.3624, 42.2473



30.3881, 24.3624, 24.8536



18.7736, 24.3624, 15.2878



17.1728, 24.3624, 28.2729

Sweetspot

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



28.1724, 24.3634, 42.2478



64.6142, 64.6741, 79.8836



25.3731, 26.4918, 42.8062



13.7994, 13.6801, 17.3009



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.



28.1724, 24.3634, 42.2478



47.8052, 39.3568, 75.8828



31.0679, 25.9254, 39.2515



8.0577, 8.0040, 10.0729



10.4887, 4.7670, 29.4118



0.3483, 0.1617, 0.8208

Inverse Universe

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



29.0294, 25.1100, 28.5170



49.7201, 40.9926, 46.6650



27.1217, 35.4132, 26.6672



8.1180, 8.0605, 8.9323



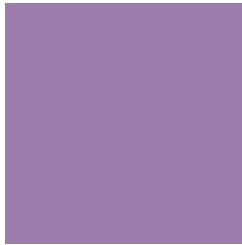
13.3098, 6.7865, 4.0110



0.3967, 0.1994, 0.2510

Previews

White Background



This preview shows how the XYZ color 28.1716, 24.3624, 42.2473 looks on a white background.

Color Contrast Check

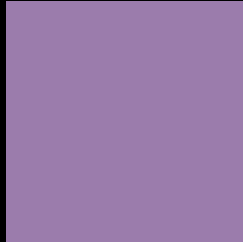
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1716, 24.3624, 42.2473 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 28.1716, 24.3624, 42.2473

Background



This preview shows how black text looks on a background with the XYZ color 28.1716, 24.3624, 42.2473.



This preview shows how white text looks on a background with the XYZ color 28.1716, 24.3624,

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

28.1716, 24.3624, 42.2473

Protanopia

24.8302, 24.5158, 46.0712

Deuteranopia

25.0033, 24.5026, 41.4419



Tritanopia

25.2939, 24.3427, 28.1764

Trichromacy



Original Color

28.1716, 24.3624, 42.2473

Protanomaly

25.8108, 24.2507, 44.3948

Deuteranomaly

26.1485, 24.4810, 41.8752

Tritanomaly

26.3356, 24.3807, 33.0237

Monochromacy



Original Color

28.1716, 24.3624, 42.2473

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 28.1716, 24.3624, 42.2473 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(155, 124, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 124, 172) }
```

Border

The CSS property to change the border of an element to XYZ 28.1716, 24.3624, 42.2473 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, 172) }
```


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

```
.border{ border-color:rgb(155, 124, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 124, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 124, 172);  
box-shadow:4px 4px 4px 4px rgb(155, 124,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1716, 24.3624, 42.2473 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, 172) }
```

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

```
.background{ background-color: rgb(155,  
124, 172) }
```

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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