

Converting Colors

XYZ(24.2501, 21.9567, 29.5335)

Have a look what the booklet for
XYZ(24.2501, 21.9567, 29.5335)
contains.

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Color

**XYZ(24.1449, 21.8361,
29.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	957890
RGB	149, 120, 144
RGB Percent	58%, 47%, 56%
CMY	0.4157, 0.5294, 0.4353
CMYK	0.00, 0.19, 0.03, 0.42
HSL	310°, 12%, 53%
HSV	310°, 19%, 58%
XYZ	24.1449, 21.8361, 29.3278
YIQ	131.4070, 9.5800, 13.6120

Conversions

Conversions Part 2

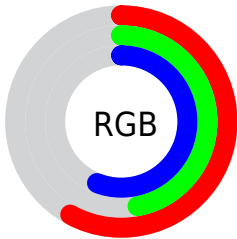
Format	Color
R_{YB}	149, 120, 144
Decimal	9795728
CIE Lab	53.85, 15.58, -8.73
CIE LCh	54, 17.853, 330.738
Yxy	21.8361, 0.3206, 0.2900
Android (android.graphics.Color)	4287985808 (0xFF957890)
YUV	131.4070, 6.2083, 15.4291
Hunter-Lab	46.7291, 10.4549, -4.5008

Details

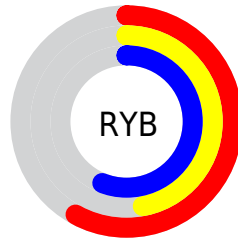
The XYZ color **24.1449, 21.8361, 29.3278** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.1957, 26.9692, 23.4389**, and the grayscale version is **21.6955, 22.8254, 24.8569**.

A 20% lighter version of the original color is **49.5742, 46.2788, 59.7459**, and **9.3106, 7.9113, 11.6260** is the 20% darker color. If you saturate the color by 10%, you get **22.2966, 18.4498, 27.7541**, and if you desaturate by 10%, it is **26.2778, 25.7838, 31.0190**.

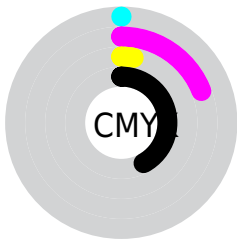
Distribution



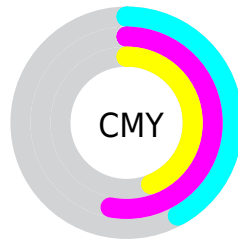
- Red (58%)
- Green (47%)
- Blue (56%)



- Red (58%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1449, 21.8361, 29.3278 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 24.1449, 21.8361, 29.3278 by changing the saturation by 10% instead.

■ 24.1449, 21.8361,
29.3278

■ 24.1449, 21.8361,
29.3278

265.9791,
261.6892, 312.8677

■ 15.5665, 13.7365,
19.0812

■ 49.7195, 46.4750,
59.6459

■ 9.3068, 7.9376,
11.5516

■ 67.4464, 63.7830,
80.5545

■ 5.0005, 4.0551,
6.3203

■ 88.9535, 84.9294,
105.8541

■ 2.2823, 1.7044,
2.9689

114.6061,
110.2984, 135.9634

■ 0.7856, 0.4265,
1.0788

144.7696,
140.2745, 171.3009

■ 0.0000, 0.0000,
0.0000

179.8094,

175.2420, 212.2851

220.0908,
215.5855, 259.3345

■ 24.1449, 21.8361,
29.3278

■ 24.1449, 21.8361,
29.3278

■ 22.2966, 18.4498,
27.7541

■ 26.2778, 25.7838,
31.0190

■ 20.7181, 15.5964,
26.2919

■ 28.7055, 30.3141,
32.8303

■ 19.3961, 13.2490,
24.9371

■ 31.4399, 35.4506,
34.7662

■ 18.3155, 11.3773,
23.6843

■ 34.4918, 41.2147,
36.8304

■ 17.4595, 9.9479,
22.5279

■ 37.8714, 47.6269,
39.0265

■ 16.8092, 8.9230,
21.4613

■ 41.5884, 54.7067,
41.3578

■ 16.3425, 8.2583,
20.4771

■ 45.6522, 62.4726,
43.8276

■ 16.0065, 7.8484,
19.5575

■ 50.0718, 70.9426,
46.4390

■ 15.9891, 7.8274,
19.5087

■ 54.8558, 80.1339,
49.1950

Harmonies

Analogous

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



22.6993, 21.8361, 34.0711



24.1449, 21.8361, 29.3278



24.6694, 21.8361, 23.6399

Triad

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



24.1449, 21.8361, 29.3278



20.7071, 21.8361, 14.6928



17.7402, 21.8361, 29.5999

Complementary

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



24.1449, 21.8361, 29.3278



22.1957, 26.9692, 23.4389

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.



17.2774, 21.8361, 23.9122



24.1449, 21.8361, 29.3278



18.9242, 21.8361, 15.7964

Square

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



24.1449, 21.8361, 29.3278



22.6120, 21.8361, 15.6930



17.6974, 21.8361, 18.9728



19.0017, 21.8361, 34.2444

Rectangle

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



24.1449, 21.8361, 29.3278



24.4024, 21.8361, 20.2249



17.6974, 21.8361, 18.9728



17.4897, 21.8361, 27.7198

Sweetspot

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



24.1455, 21.8371, 29.3283



48.4518, 48.7660, 56.6093



20.5753, 19.9514, 31.2006



10.6841, 10.7076, 12.5050



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.1455, 21.8371, 29.3283



41.8552, 36.5594, 51.3688



23.1185, 21.4263, 23.9201



5.9928, 5.8922, 7.0684



13.4665, 6.5917, 16.4694



0.1739, 0.0843, 0.2495

Inverse Universe

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



24.1455, 21.8371, 29.3283



41.8552, 36.5594, 51.3688



23.1785, 27.3623, 28.6144



5.9928, 5.8922, 7.0684



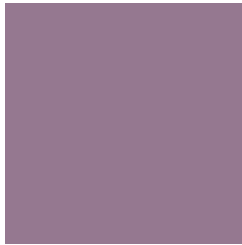
13.4665, 6.5917, 16.4694



0.1739, 0.0843, 0.2495

Previews

White Background



This preview shows how the XYZ color 24.1449, 21.8361, 29.3278 looks on a white background.

Color Contrast Check

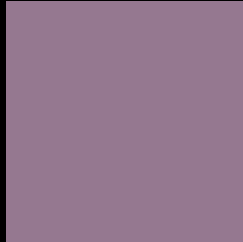
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1449, 21.8361, 29.3278 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 24.1449, 21.8361, 29.3278

Background



This preview shows how black text looks on a background with the XYZ color 24.1449, 21.8361, 29.3278.



This preview shows how white text looks on a background with the XYZ color 24.1449, 21.8361,

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

24.1449, 21.8361, 29.3278

Protanopia

21.6014, 21.9682, 31.5355

Deuteranopia

22.2832, 21.8013, 29.0202



Tritanopia

23.1570, 21.7881, 24.8148

Trichromacy



Original Color

24.1449, 21.8361, 29.3278

Protanomaly

22.4316, 21.8421, 30.6374

Deuteranomaly

22.8561, 21.7245, 28.9752

Tritanomaly

23.4940, 21.7482, 26.2521

Monochromacy



Original Color

24.1449, 21.8361, 29.3278

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.5145, 22.3596, 26.4217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1449, 21.8361, 29.3278 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(149, 120, 144)` looks like.

```
.text, #text, p{  
    color:rgb(149, 120, 144)  
}
```

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(149, 120, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 120, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.1449, 21.8361, 29.3278 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(149, 120, 144) }
```


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

```
.border{ border-color:rgb(149, 120, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 120, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 120, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 120, 144);  
box-shadow:4px 4px 4px 4px rgb(149, 120,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1449, 21.8361, 29.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 120, 144) }
```

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

```
.background{ background-color: rgb(149,  
120, 144) }
```

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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