

Converting Colors

XYZ(24.3969, 21.8324, 29.0264)

Have a look what the booklet for
XYZ(24.3969, 21.8324, 29.0264)
contains.

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Color

**XYZ(24.3172, 21.7561,
28.9043)**

Conversions

Conversions Part 1

Format	Color
Hex	97778F
RGB	151, 119, 143
RGB Percent	59%, 47%, 56%
CMY	0.4078, 0.5333, 0.4392
CMYK	0.00, 0.21, 0.05, 0.41
HSL	315°, 13%, 53%
HSV	315°, 21%, 59%
XYZ	24.3172, 21.7561, 28.9043
YIQ	131.3040, 11.3680, 14.2480

Conversions

Conversions Part 2

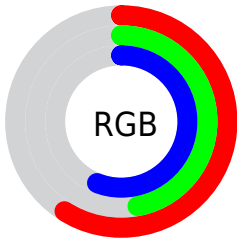
Format	Color
R_{YB}	151, 119, 143
Decimal	9926543
CIE _{Lab}	53.77, 16.69, -8.25
CIE _{LCh}	54, 18.622, 333.705
Yxy	21.7561, 0.3243, 0.2902
Android (android.graphics.Color)	4288116623 (0xFF97778F)
YUV	131.3040, 5.7661, 17.2734
Hunter-Lab	46.6434, 11.4336, -4.0908

Details

The XYZ color **24.3172, 21.7561, 28.9043** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.5059, 27.5880, 24.2186**, and the grayscale version is **21.6597, 22.7877, 24.8158**.

A 20% lighter version of the original color is **50.0946, 46.2788, 59.1158**, and **9.4215, 7.8800, 11.3803** is the 20% darker color. If you saturate the color by 10%, you get **22.3799, 18.3313, 26.8713**, and if you desaturate by 10%, it is **26.5509, 25.7578, 31.0841**.

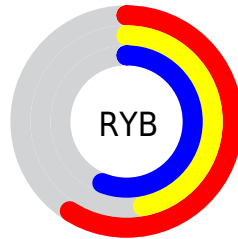
Distribution



Red (59%)

Green (47%)

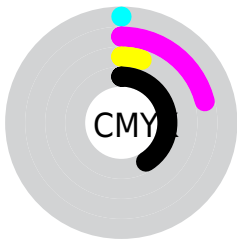
Blue (56%)



Red (59%)

Yellow (47%)

Blue (56%)

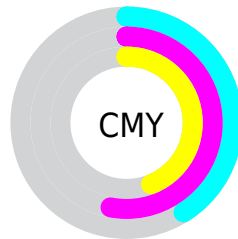


Cyan (0%)

Magenta (21%)

Yellow (5%)

Black (41%)



Cyan (41%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3172, 21.7561, 28.9043 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 24.3172, 21.7561, 28.9043 by changing the saturation by 10% instead.

■ 24.3172, 21.7561,
28.9043

■ 24.3172, 21.7561,
28.9043

266.8310,
261.2699, 310.8099

■ 15.6951, 13.6778,
18.7635

■ 49.9982, 46.3426,
58.9654

■ 9.3981, 7.8969,
11.3244

■ 67.7879, 63.6195,
79.7227

■ 5.0609, 4.0291,
6.1686

■ 89.3641, 84.7314,
104.8560

■ 2.3182, 1.6898,
2.8774

115.0922,
110.0628, 134.7837

■ 0.8039, 0.4171,
1.0324

145.3377,
139.9979, 169.9244

■ 0.0000, 0.0000,
0.0000

180.4657,

174.9212, 210.6966

220.8417,
215.2171, 257.5190

■ 24.3172, 21.7561,
28.9043

■ 24.3172, 21.7561,
28.9043

■ 22.3799, 18.3313,
26.8713

■ 26.5509, 25.7578,
31.0841

■ 20.7236, 15.4534,
24.9788

■ 29.0918, 30.3586,
33.4140

■ 19.3343, 13.0945,
23.2218

■ 31.9525, 35.5831,
35.8988

■ 18.1959, 11.2225,
21.5946

■ 35.1441, 41.4538,
38.5428

■ 17.2909, 9.8023,
20.0908

■ 38.6774, 47.9919,
41.3500

■ 16.5989, 8.7937,
18.7031

■ 42.5626, 55.2176,
44.3242

■ 16.0963, 8.1494,
17.4232

■ 46.8095, 63.1505,
47.4691

■ 15.7572, 7.7772,
16.3667

■ 51.4275, 71.8092,
50.7882

■ 56.4257, 81.2116,
54.2850

Harmonies

Analogous

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



22.8843, 21.7561, 34.0704



24.3172, 21.7561, 28.9043



24.7537, 21.7561, 22.9849

Triad

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



24.3172, 21.7561, 28.9043



20.4313, 21.7561, 14.3187



17.6446, 21.7561, 30.3331

Complementary

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



24.3172, 21.7561, 28.9043



22.5059, 27.5880, 24.2186

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.



17.0771, 21.7561, 24.4067



24.3172, 21.7561, 28.9043



18.6193, 21.7561, 15.6644

Square

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



24.3172, 21.7561, 28.9043



22.4274, 21.7561, 15.1311



17.4222, 21.7561, 19.1416



19.0230, 21.7561, 34.9841

Rectangle

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



24.3172, 21.7561, 28.9043



24.3991, 21.7561, 19.5354



17.4222, 21.7561, 19.1416



17.3568, 21.7561, 28.3926

Sweetspot

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



24.3178, 21.7571, 28.9048



49.7859, 50.1690, 57.7486



20.9360, 19.9411, 32.0240



11.2554, 11.2936, 13.0702



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.3178, 21.7571, 28.9048



41.9905, 36.1959, 50.1633



23.1908, 21.3062, 22.9699



6.3952, 6.2972, 7.4612



13.4167, 6.6209, 13.9854



0.2147, 0.1046, 0.2835

Inverse Universe

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



24.3178, 21.7571, 28.9048



41.9905, 36.1959, 50.1633



23.6330, 28.0388, 30.1536



6.3952, 6.2972, 7.4612



13.4167, 6.6209, 13.9854



0.2147, 0.1046, 0.2835

Previews

White Background



This preview shows how the XYZ color 24.3172, 21.7561, 28.9043 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 24.3172, 21.7561, 28.9043 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 24.3172, 21.7561, 28.9043

Background



This preview shows how black text looks on a background with the XYZ color 24.3172, 21.7561, 28.9043.



This preview shows how white text looks on a background with the XYZ color 24.3172, 21.7561,

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

24.3172, 21.7561, 28.9043

Protanopia

21.6014, 21.9682, 31.5355

Deuteranopia

22.2078, 21.7711, 28.6230



Tritanopia

23.3285, 21.7030, 24.4323

Trichromacy



Original Color

24.3172, 21.7561, 28.9043

Protanomaly

22.4316, 21.8421, 30.6374

Deuteranomaly

22.9499, 21.7816, 28.5859

Tritanomaly

23.6673, 21.6662, 25.8563

Monochromacy



Original Color

24.3172, 21.7561, 28.9043

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.4438, 22.3313, 26.0491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3172, 21.7561, 28.9043 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(151, 119, 143)` looks like.

```
.text, #text, p{  
    color:rgb(151, 119, 143)  
}
```

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(151, 119, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 119, 143) }
```

Border

The CSS property to change the border of an element to XYZ 24.3172, 21.7561, 28.9043 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(151, 119, 143) }
```


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

```
.border{ border-color:rgb(151, 119, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 119, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 119, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 119, 143);  
box-shadow:4px 4px 4px 4px rgb(151, 119,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3172, 21.7561, 28.9043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 119, 143) }
```

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

```
.background{ background-color: rgb(151,  
119, 143) }
```

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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