

Converting Colors

XYZ(25.0448, 23.4269, 27.2052)

Have a look what the booklet for
XYZ(25.0448, 23.4269, 27.2052)
contains.

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Color

**XYZ(24.9972, 23.4321,
27.2501)**

Conversions

Conversions Part 1

Format	Color
Hex	987E8A
RGB	152, 126, 138
RGB Percent	60%, 49%, 54%
CMY	0.4039, 0.5059, 0.4588
CMYK	0.00, 0.17, 0.09, 0.40
HSL	332°, 11%, 55%
HSV	332°, 17%, 60%
XYZ	24.9972, 23.4321, 27.2501
YIQ	135.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

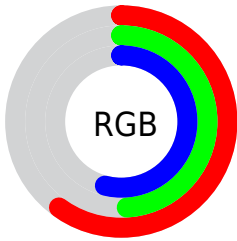
Format	Color
R_{YB}	152, 126, 138
Decimal	9993866
CIE _{Lab}	55.51, 12.09, -2.74
CIE _{LCh}	56, 12.400, 347.252
Yxy	23.4321, 0.3303, 0.3096
Android (android.graphics.Color)	4288183946 (0xFF987E8A)
YUV	135.1420, 1.4090, 14.7845
Hunter-Lab	48.4067, 7.4655, 0.5080

Details

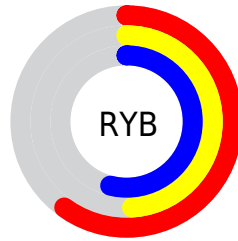
The XYZ color **24.9972, 23.4321, 27.2501** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5670, 28.7862, 29.0738**, and the grayscale version is **23.0743, 24.2759, 26.4365**.

A 20% lighter version of the original color is **50.9777, 49.1236, 56.0852**, and **9.7822, 8.7790, 10.4115** is the 20% darker color. If you saturate the color by 10%, you get **22.6289, 19.6083, 23.6463**, and if you desaturate by 10%, it is **27.7068, 27.8665, 31.1887**.

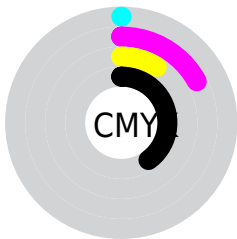
Distribution



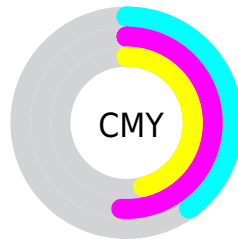
- Red (60%)
- Green (49%)
- Blue (54%)



- Red (60%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9972, 23.4321, 27.2501 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 24.9972, 23.4321, 27.2501 by changing the saturation by 10% instead.

■ 24.9972, 23.4321,
27.2501

■ 24.9972, 23.4321,
27.2501

270.1719,
269.9366, 302.6644

■ 16.2037, 14.9129,
17.5270

■ 51.0956, 49.1019,
56.2935

■ 9.7602, 8.7583,
10.4451

■ 69.1312, 67.0212,
76.4510

■ 5.3013, 4.5838,
5.5856

■ 90.9782, 88.8427,
100.9237

■ 2.4617, 2.0052,
2.5301

117.0020,
114.9508, 130.1302

■ 0.8760, 0.6105,
0.8560

147.5679,
145.7298, 164.4889

■ 0.0000, 0.0000,
0.0000

183.0413,

181.5642, 204.4185

223.7875,
222.8384, 250.3375

■ 24.9972, 23.4321,
27.2501

■ 24.9972, 23.4321,
27.2501

■ 22.6289, 19.6083,
23.6463

■ 27.7068, 27.8665,
31.1887

■ 20.5858, 16.3650,
20.3661

■ 30.7692, 32.9337,
35.4696

■ 18.8530, 13.6744,
17.4000

■ 34.1976, 38.6585,
40.1022

■ 17.4142, 11.5047,
14.7372

■ 38.0040, 45.0635,
45.0949

■ 16.2509, 9.8214,
12.3664

■ 42.2000, 52.1702,
50.4556

■ 15.3427, 8.5854,
10.2750

■ 46.7964, 59.9992,
56.1923

■ 14.6663, 7.7515,
8.4493

■ 51.8038, 68.5702,
62.3126

■ 14.1835, 7.2457,
6.8706

■ 57.2323, 77.9022,
68.8237

■ 14.0591, 7.1195,
6.4517

■ 60.5512, 82.9323,
74.8859

Harmonies

Analogous

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



24.3041, 23.4321, 31.1032



24.9972, 23.4321, 27.2501



24.9382, 23.4321, 23.2981

Triad

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



24.9972, 23.4321, 27.2501



21.4839, 23.4321, 18.8458



20.4965, 23.4321, 31.5939

Complementary

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



24.9972, 23.4321, 27.2501



24.5670, 28.7862, 29.0738

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.



19.8020, 23.4321, 27.8652



24.9972, 23.4321, 27.2501



20.3555, 23.4321, 20.6373

Square

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



24.9972, 23.4321, 27.2501



22.8699, 23.4321, 18.7182



19.7515, 23.4321, 23.8524



21.6837, 23.4321, 33.7818

Rectangle

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



24.9972, 23.4321, 27.2501



24.4801, 23.4321, 21.1320



19.7515, 23.4321, 23.8524



20.1999, 23.4321, 30.4624

Sweetspot

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



24.9979, 23.4331, 27.2506



49.9383, 50.8897, 56.5173



23.9220, 22.7537, 32.8372



11.2740, 11.4407, 12.7376



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.



24.9979, 23.4331, 27.2506



42.2510, 38.3259, 45.2893



24.2878, 23.3272, 22.9624



6.3214, 6.2677, 7.0728



11.8035, 5.9756, 5.4903



0.1946, 0.0966, 0.1773

Inverse Universe

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



24.9979, 23.4331, 27.2506



42.2510, 38.3259, 45.2893



25.3605, 28.8794, 33.9437



6.3214, 6.2677, 7.0728



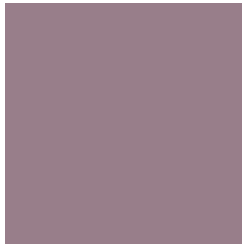
11.8035, 5.9756, 5.4903



0.1946, 0.0966, 0.1773

Previews

White Background



This preview shows how the XYZ color 24.9972, 23.4321, 27.2501 looks on a white background.

Color Contrast Check

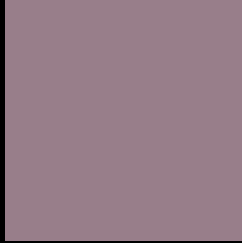
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9972, 23.4321, 27.2501 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 24.9972, 23.4321, 27.2501

Background



This preview shows how black text looks on a background with the XYZ color 24.9972, 23.4321, 27.2501.



This preview shows how white text looks on a background with the XYZ color 24.9972, 23.4321,

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

24.9972, 23.4321, 27.2501

Protanopia

22.8066, 23.4421, 28.9139

Deuteranopia

23.8672, 23.4359, 26.9326



Tritanopia

24.8537, 23.3747, 26.4944

Trichromacy



Original Color

24.9972, 23.4321, 27.2501

Protanomaly

23.6056, 23.4638, 28.4841

Deuteranomaly

24.2672, 23.4475, 26.9137

Tritanomaly

24.9251, 23.4033, 26.8705

Monochromacy



Original Color

24.9972, 23.4321, 27.2501

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.6797, 23.9428, 26.6659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9972, 23.4321, 27.2501 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(152, 126, 138)` looks like.

```
.text, #text, p{  
    color:rgb(152, 126, 138)  
}
```

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(152, 126, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 126, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.9972, 23.4321, 27.2501 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(152, 126, 138) }
```


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

```
.border{ border-color:rgb(152, 126, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 126, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 126, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 126, 138); box-shadow:4px 4px 4px 4px rgb(152, 126, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9972, 23.4321, 27.2501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 126, 138) }
```

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

```
.background{ background-color: rgb(152,  
126, 138) }
```

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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