

Converting Colors

XYZ(25.0321, 25.4423, 24.4473)

Have a look what the booklet for
XYZ(25.0321, 25.4423, 24.4473)
contains.

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Color

**XYZ(24.9793, 25.4892,
24.3722)**

Conversions

Conversions Part 1

Format	Color
Hex	948881
RGB	148, 136, 129
RGB Percent	58%, 53%, 51%
CMY	0.4196, 0.4667, 0.4941
CMYK	0.00, 0.08, 0.13, 0.42
HSL	22°, 8%, 54%
HSV	22°, 13%, 58%
XYZ	24.9793, 25.4892, 24.3722
YIQ	138.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

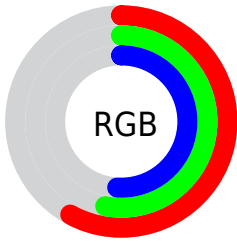
Format	Color
R_{YB}	148, 140, 129
Decimal	9734273
CIE Lab	57.55, 3.25, 5.37
CIE LCh	58, 6.280, 58.843
Yxy	25.4892, 0.3338, 0.3406
Android (android.graphics.Color)	4287924353 (0xFF948881)
YUV	138.7900, -4.8265, 8.0772
Hunter-Lab	50.4868, -0.0358, 6.7189

Details

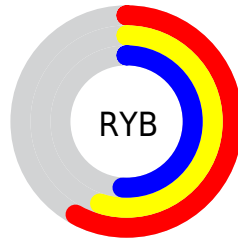
The XYZ color **24.9793, 25.4892, 24.3722** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9232, 25.8543, 31.7466**, and the grayscale version is **24.4758, 25.7505, 28.0423**.

A 20% lighter version of the original color is **50.9982, 52.3291, 51.6686**, and **9.7055, 9.7762, 8.9649** is the 20% darker color. If you saturate the color by 10%, you get **22.8069, 22.6062, 19.1410**, and if you desaturate by 10%, it is **27.4104, 28.6610, 30.3933**.

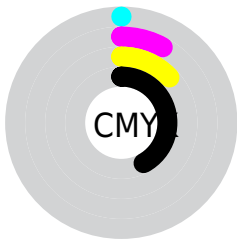
Distribution



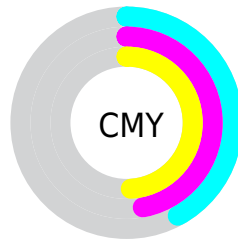
- Red (58%)
- Green (53%)
- Blue (51%)



- Red (58%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9793, 25.4892, 24.3722 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 24.9793, 25.4892, 24.3722 by changing the saturation by 10% instead.

■ 24.9793, 25.4892,
24.3722

■ 24.9793, 25.4892,
24.3722

270.0844,
280.2655, 288.0438

■ 16.1903, 16.4419,
15.3952

■ 51.0668, 52.4497,
51.5883

■ 9.7506, 9.8374,
8.9475

■ 69.0959, 71.1318,
70.6645

■ 5.2949, 5.2913,
4.6106

■ 90.9359, 93.7942,
93.9442

■ 2.4578, 2.4192,
1.9660

116.9519,
120.8213, 121.8459

■ 0.8740, 0.8357,
0.5342

147.5094,
152.5977, 154.7882

■ 0.0000, 0.0000,
0.0000

182.9738,

189.5075, 193.1896

223.7103,
231.9353, 237.4686

■ 24.9793, 25.4892,
24.3722

■ 24.9793, 25.4892,
24.3722

■ 22.8069, 22.6062,
19.1410

■ 27.4104, 28.6610,
30.3933

■ 20.8821, 20.0003,
14.6650

■ 30.1067, 32.1262,
37.2338

■ 19.1960, 17.6641,
10.9092

■ 33.0769, 35.8934,
44.9237

■ 17.7383, 15.5882,
7.8354

■ 36.3288, 39.9699,
53.4909

■ 16.4981, 13.7631,
5.4015

■ 39.8699, 44.3628,
62.9621

■ 15.4631, 12.1782,
3.5611

■ 43.7074, 49.0790,
73.3628

■ 14.6198, 10.8223,
2.2609

■ 47.8481, 54.1250,
84.7177

■ 13.9527, 9.6828,
1.4382

■ 52.2988, 59.5071,
97.0502

■ 13.5577, 8.9858,
1.0199

■ 55.8844, 64.7592,
104.1621

Harmonies

Analogous

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



25.5099, 25.4892, 25.8114



24.9793, 25.4892, 24.3722



24.2558, 25.4892, 23.8316

Triad

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



24.9793, 25.4892, 24.3722



22.8156, 25.4892, 27.6702



24.9279, 25.4892, 31.5243

Complementary

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



24.9793, 25.4892, 24.3722



23.9232, 25.8543, 31.7466

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.



24.1977, 25.4892, 32.0835



24.9793, 25.4892, 24.3722



22.9873, 25.4892, 29.7905

Square

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



24.9793, 25.4892, 24.3722



23.0154, 25.4892, 25.6742



23.4894, 25.4892, 31.4337



25.4798, 25.4892, 29.9419

Rectangle

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



24.9793, 25.4892, 24.3722



23.7647, 25.4892, 24.0310



23.4894, 25.4892, 31.4337



24.6947, 25.4892, 31.8416

Sweetspot

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



24.9800, 25.4903, 24.3727



47.8061, 49.8477, 52.2298



24.8734, 23.9208, 28.5187



10.8418, 11.2867, 11.7449



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.



24.9800, 25.4903, 24.3727



43.0902, 43.6769, 40.6046



26.3722, 28.2748, 24.8368



5.9654, 6.1446, 6.1121



11.6048, 7.7240, 0.8792



0.1685, 0.1474, 0.0196

Inverse Universe

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



23.9232, 25.8543, 31.7466



40.9044, 44.4292, 55.8544



22.5870, 23.1818, 31.3012



5.7862, 6.2064, 7.3627



7.9695, 8.6339, 25.1775



0.1258, 0.1622, 0.3176

Previews

White Background



This preview shows how the XYZ color 24.9793, 25.4892, 24.3722 looks on a white background.

Color Contrast Check

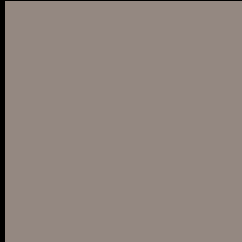
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9793, 25.4892, 24.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

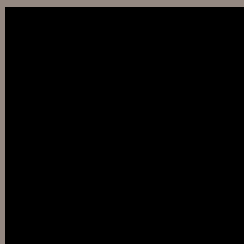
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9793, 25.4892, 24.3722

Background



This preview shows how black text looks on a background with the XYZ color 24.9793, 25.4892, 24.3722.

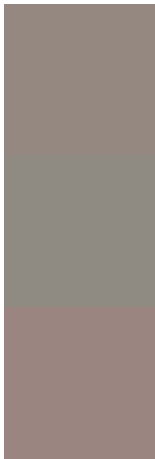


This preview shows how white text looks on a background with the XYZ color 24.9793, 25.4892,

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

24.9793, 25.4892, 24.3722

Protanopia

24.4454, 25.6283, 24.7774

Deuteranopia

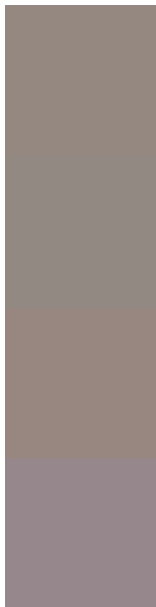
25.8675, 25.3286, 24.2944



Tritanopia

26.1368, 25.5478, 29.9392

Trichromacy



Original Color

24.9793, 25.4892, 24.3722

Protanomaly

24.6520, 25.5228, 24.7462

Deuteranomaly

25.4364, 25.3106, 24.3137

Tritanomaly

25.7186, 25.5816, 28.0083

Monochromacy



Original Color

24.9793, 25.4892, 24.3722

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.6170, 25.6770, 26.5804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9793, 25.4892, 24.3722 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(148, 136, 129) looks like.

```
.text, #text, p{  
    color:rgb(148, 136, 129)  
}
```

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(148, 136, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 136, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.9793, 25.4892, 24.3722 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(148, 136, 129) }
```


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

```
.border{ border-color:rgb(148, 136, 129) }
```

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

Here you see how a box with a 4 pixel rgb(148, 136, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 136, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 136, 129);  
box-shadow:4px 4px 4px 4px rgb(148, 136,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9793, 25.4892, 24.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 136, 129) }
```

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

```
.background{ background-color: rgb(148,  
136, 129) }
```

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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