

Converting Colors

XYZ(24.5927, 25.4415, 22.3537)

Have a look what the booklet for
XYZ(24.5927, 25.4415, 22.3537)
contains.

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Color

**XYZ(24.7336, 25.6173,
22.3799)**

Conversions

Conversions Part 1

Format	Color
Hex	94897B
RGB	148, 137, 123
RGB Percent	58%, 54%, 48%
CMY	0.4196, 0.4627, 0.5176
CMYK	0.00, 0.07, 0.17, 0.42
HSL	34°, 10%, 53%
HSV	34°, 17%, 58%
XYZ	24.7336, 25.6173, 22.3799
YIQ	138.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

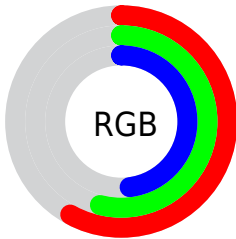
Format	Color
R_{YB}	143, 148, 123
Decimal	9734523
CIE _{Lab}	57.67, 1.67, 8.99
CIE _{LCh}	58, 9.143, 79.504
Yxy	25.6173, 0.3401, 0.3522
Android (android.graphics.Color)	4287924603 (0xFF94897B)
YUV	138.6930, -7.7366, 8.1622
Hunter-Lab	50.6135, -1.3451, 9.2131

Details

The XYZ color **24.7336, 25.6173, 22.3799** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.0387, 23.3988, 31.3722**, and the grayscale version is **24.4490, 25.7222, 28.0115**.

A 20% lighter version of the original color is **50.5084, 52.4786, 48.0247**, and **9.5740, 9.8522, 7.8756** is the 20% darker color. If you saturate the color by 10%, you get **22.9788, 23.4798, 17.5644**, and if you desaturate by 10%, it is **26.6858, 27.9248, 27.9529**.

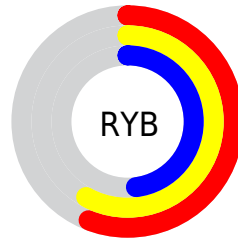
Distribution



Red (58%)

Green (54%)

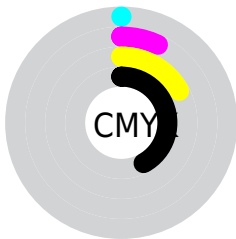
Blue (48%)



Red (56%)

Yellow (58%)

Blue (48%)

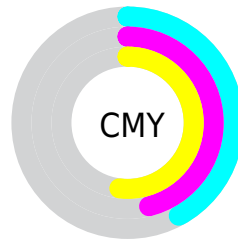


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7336, 25.6173, 22.3799 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 24.7336, 25.6173, 22.3799 by changing the saturation by 10% instead.

■ 24.7336, 25.6173,
22.3799

■ 24.7336, 25.6173,
22.3799

268.8808,
280.8983, 277.5418

■ 16.0064, 16.5376,
13.9353

■ 50.6707, 52.6569,
48.2833

■ 9.6195, 9.9053,
7.9375

■ 68.6113, 71.3856,
66.5792

■ 5.2078, 5.3362,
3.9678

■ 90.3538, 94.0993,
88.9960

■ 2.4057, 2.4459,
1.6077

116.2634,
121.1826, 115.9522

■ 0.8479, 0.8493,
0.2963

146.7055,
153.0197, 147.8663

■ 0.0000, 0.0000,
0.0000

182.0456,

189.9951, 185.1569

222.6489,
232.4932, 228.2426

■ 24.7336, 25.6173,
22.3799

■ 24.7336, 25.6173,
22.3799

■ 22.9788, 23.4798,
17.5644

■ 26.6858, 27.9248,
27.9529

■ 21.4120, 21.5045,
13.4715

■ 28.8400, 30.4032,
34.3130

■ 20.0262, 19.6877,
10.0658

■ 31.2035, 33.0577,
41.4902

■ 18.8130, 18.0245,
7.3083

■ 33.7824, 35.8921,
49.5125

■ 17.7632, 16.5096,
5.1562

■ 36.5826, 38.9103,
58.4065

■ 16.8667, 15.1371,
3.5614

■ 39.6098, 42.1159,
68.1977

■ 16.1119, 13.9005,
2.4680

■ 42.8693, 45.5124,
78.9104

■ 15.4804, 12.7906,
1.7850

■ 46.3664, 49.1033,
90.5681

■ 15.2983, 12.4668,
1.6000

■ 49.9120, 52.8142,
102.1713

Harmonies

Analogous

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



25.7399, 25.6173, 23.5588



24.7336, 25.6173, 22.3799



23.6531, 25.6173, 22.5920

Triad

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



24.7336, 25.6173, 22.3799



22.4194, 25.6173, 29.9525



25.9830, 25.6173, 31.9899

Complementary

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



24.7336, 25.6173, 22.3799



22.0387, 23.3988, 31.3722

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.



25.0574, 25.6173, 33.9642



24.7336, 25.6173, 22.3799



23.0081, 25.6173, 32.7284

Square

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



24.7336, 25.6173, 22.3799



22.3386, 25.6173, 26.8100



23.9674, 25.6173, 34.2441



26.4754, 25.6173, 29.0045

Rectangle

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



24.7336, 25.6173, 22.3799



23.0350, 25.6173, 23.4990



23.9674, 25.6173, 34.2441



25.7110, 25.6173, 32.8030

Sweetspot

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



24.7343, 25.6184, 22.3804



47.7396, 50.0324, 51.2279



23.6166, 22.1904, 25.6846



10.8444, 11.3592, 11.5380



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.



24.7343, 25.6184, 22.3804



42.5167, 43.8450, 36.3591



26.1532, 28.7902, 22.9179



6.0540, 6.3218, 6.1416



13.0945, 10.7034, 1.3758



0.1897, 0.1898, 0.0266

Inverse Universe

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



22.0387, 23.3988, 31.3722



36.9104, 39.2290, 55.0612



20.7769, 20.6081, 30.9000



5.6969, 6.0277, 7.3329



6.2118, 5.1183, 24.5916



0.1046, 0.1198, 0.3105

Previews

White Background



This preview shows how the XYZ color 24.7336, 25.6173, 22.3799 looks on a white background.

Color Contrast Check

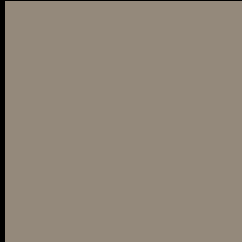
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7336, 25.6173, 22.3799 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

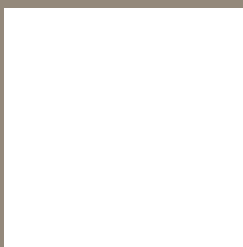
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7336, 25.6173, 22.3799

Background



This preview shows how black text looks on a background with the XYZ color 24.7336, 25.6173, 22.3799.

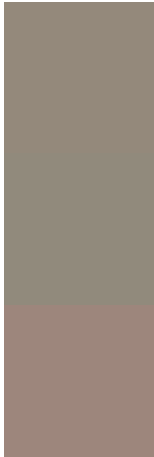


This preview shows how white text looks on a background with the XYZ color 24.7336, 25.6173,

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

24.7336, 25.6173, 22.3799

Protanopia

24.4036, 25.6519, 22.7339

Deuteranopia

26.0678, 25.6735, 22.6503



Tritanopia

26.3216, 25.6431, 29.9479

Trichromacy



Original Color

24.7336, 25.6173, 22.3799

Protanomaly

24.5806, 25.7432, 22.7422

Deuteranomaly

25.6285, 25.6532, 22.6696

Tritanomaly

25.6856, 25.5895, 26.8781

Monochromacy



Original Color

24.7336, 25.6173, 22.3799

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4774, 25.6212, 25.8456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7336, 25.6173, 22.3799 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, 137, 123) looks like.

```
.text, #text, p{  
    color:rgb(148, 137, 123)  
}
```

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, 137, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 137, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.7336, 25.6173, 22.3799 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, 137, 123) }
```


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

```
.border{ border-color:rgb(148, 137, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 137, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 137, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 137, 123);  
box-shadow:4px 4px 4px 4px rgb(148, 137,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7336, 25.6173, 22.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 137, 123) }
```

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

```
.background{ background-color: rgb(148,  
137, 123) }
```

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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