

Converting Colors

XYZ(24.1123, 22.5891, 22.8277)

Have a look what the booklet for
XYZ(24.1123, 22.5891, 22.8277)
contains.

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Color

**XYZ(23.9857, 22.4446,
22.8067)**

Conversions

Conversions Part 1

Format	Color
Hex	997B7E
RGB	153, 123, 126
RGB Percent	60%, 48%, 49%
CMY	0.4000, 0.5176, 0.5059
CMYK	0.00, 0.20, 0.18, 0.40
HSL	354°, 13%, 54%
HSV	354°, 20%, 60%
XYZ	23.9857, 22.4446, 22.8067
YIQ	132.3120, 16.9170, 7.2930

Conversions

Conversions Part 2

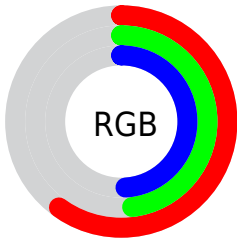
Format	Color
R_{YB}	153, 123, 126
Decimal	10058622
CIE _{Lab}	54.50, 12.11, 2.77
CIE _{LCh}	54, 12.419, 12.877
Yxy	22.4446, 0.3464, 0.3242
Android (android.graphics.Color)	4288248702 (0xFF997B7E)
YUV	132.3120, -3.1118, 18.1434
Hunter-Lab	47.3757, 7.4646, 4.6208

Details

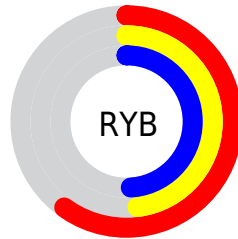
The XYZ color **23.9857, 22.4446, 22.8067** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0655, 29.1959, 33.1699**, and the grayscale version is **22.0519, 23.2003, 25.2651**.

A 20% lighter version of the original color is **49.6744, 47.7152, 49.2397**, and **9.1552, 8.2001, 8.1214** is the 20% darker color. If you saturate the color by 10%, you get **21.4057, 18.6101, 17.8602**, and if you desaturate by 10%, it is **26.9859, 26.9234, 28.4974**.

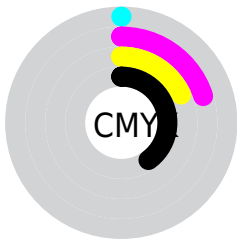
Distribution



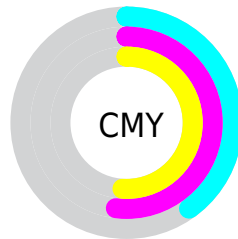
- Red (60%)
- Green (48%)
- Blue (49%)



- Red (60%)
- Yellow (48%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (40%)





- Cyan (40%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9857, 22.4446, 22.8067 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 23.9857, 22.4446, 22.8067 by changing the saturation by 10% instead.

 23.9857, 22.4446,
22.8067


 23.9857, 22.4446,
22.8067


265.1900,
264.8594, 279.8203


 15.4477, 14.1839,
14.2469


 49.4617, 47.4797,
48.9949

 9.2225, 8.2487,
8.1519


 67.1304, 65.0230,
67.4604

 4.9449, 4.2545,
4.1031

 88.5734, 86.4293,
90.0648

 2.2494, 1.8169,
1.6821

114.1560,
112.0829, 117.2267

 0.7686, 0.4977,
0.3484

144.2436,
142.3684, 149.3647

 0.0000, 0.0000,
0.0000

179.2016,

177.6700, 186.8972

219.3953,
218.3722, 230.2429

■ 23.9857, 22.4446,
22.8067

■ 23.9857, 22.4446,
22.8067

■ 21.4057, 18.6101,
17.8602

■ 26.9859, 26.9234,
28.4974

■ 19.2254, 15.3873,
13.6257

■ 30.4221, 32.0710,
34.9599

■ 17.4253, 12.7455,
10.0709

■ 34.3113, 37.9143,
42.2219

■ 15.9835, 10.6501,
7.1602

■ 38.6692, 44.4779,
50.3097

■ 14.8758, 9.0628,
4.8550

■ 43.5108, 51.7853,
59.2479

■ 14.0752, 7.9401,
3.1122

■ 48.8503, 59.8586,
69.0605

■ 13.5501, 7.2318,
1.8834

■ 54.7014, 68.7194,
79.7704

■ 13.2357, 6.8223,
1.1028

■ 61.0771, 78.3881,
91.3995

■ 13.2252, 6.8076,
1.0797

■ 66.1434, 85.1909,
103.3536

Harmonies

Analogous

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



23.9315, 22.4446, 26.7109



23.9857, 22.4446, 22.8067



23.3077, 22.4446, 19.6875

Triad

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



23.9857, 22.4446, 22.8067



19.6022, 22.4446, 19.3496



20.5720, 22.4446, 32.3190

Complementary

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



23.9857, 22.4446, 22.8067



25.0655, 29.1959, 33.1699

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.



19.4730, 22.4446, 29.8979



23.9857, 22.4446, 22.8067



18.9296, 22.4446, 22.2985

Square

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



23.9857, 22.4446, 22.8067



20.7553, 22.4446, 17.8390



18.8833, 22.4446, 26.1460



21.9211, 22.4446, 32.4924

Rectangle

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



23.9857, 22.4446, 22.8067



22.5478, 22.4446, 18.3591



18.8833, 22.4446, 26.1460



20.1625, 22.4446, 31.7302

Sweetspot

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



23.9863, 22.4456, 22.8072



50.3840, 51.2923, 54.9114



25.4110, 22.9509, 33.2278



11.0484, 11.2109, 11.9803



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.



23.9863, 22.4456, 22.8072



40.6148, 36.7125, 36.3684



25.3766, 25.5311, 22.3307



6.2326, 6.2322, 6.6052



10.9367, 5.6289, 0.9260



0.1693, 0.0865, 0.0443

Inverse Universe

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



23.9863, 22.4456, 22.8072



40.6148, 36.7125, 36.3684



23.4439, 25.5614, 33.8353



6.2326, 6.2322, 6.6052



10.9367, 5.6289, 0.9260



0.1693, 0.0865, 0.0443

Previews

White Background



This preview shows how the XYZ color 23.9857, 22.4446, 22.8067 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 23.9857, 22.4446, 22.8067 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 23.9857, 22.4446, 22.8067

Background



This preview shows how black text looks on a background with the XYZ color 23.9857, 22.4446, 22.8067.



This preview shows how white text looks on a background with the XYZ color 23.9857, 22.4446,

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

23.9857, 22.4446, 22.8067

Protanopia

21.6848, 22.5635, 24.3314

Deuteranopia

22.8396, 22.4221, 22.5262



Tritanopia

24.4508, 22.4550, 24.8754

Trichromacy



Original Color

23.9857, 22.4446, 22.8067

Protanomaly

22.3670, 22.3392, 23.9019

Deuteranomaly

23.2480, 22.4438, 22.5088

Tritanomaly

24.3152, 22.4008, 24.1613

Monochromacy



Original Color

23.9857, 22.4446, 22.8067

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6947, 22.8877, 24.3407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9857, 22.4446, 22.8067 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(153, 123, 126)` looks like.

```
.text, #text, p{  
    color:rgb(153, 123, 126)  
}
```

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(153, 123, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 123, 126) }
```

Border

The CSS property to change the border of an element to XYZ 23.9857, 22.4446, 22.8067 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(153, 123, 126) }
```


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

```
.border{ border-color:rgb(153, 123, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 123, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 123, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 123, 126);  
box-shadow:4px 4px 4px 4px rgb(153, 123,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9857, 22.4446, 22.8067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 123, 126) }
```

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

```
.background{ background-color: rgb(153,  
123, 126) }
```

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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