

Converting Colors

XYZ(24.5088, 22.4365, 21.8122)

Have a look what the booklet for
XYZ(24.5088, 22.4365, 21.8122)
contains.

XYZ(24.5131, 22.3739, 21.7655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.5131, 22.3739,
21.7655)**

Conversions

Conversions Part 1

Format	Color
Hex	9E797B
RGB	158, 121, 123
RGB Percent	62%, 47%, 48%
CMY	0.3804, 0.5255, 0.5176
CMYK	0.00, 0.23, 0.22, 0.38
HSL	357°, 16%, 55%
HSV	357°, 23%, 62%
XYZ	24.5131, 22.3739, 21.7655
YIQ	132.2910, 21.4100, 8.4660

Conversions

Conversions Part 2

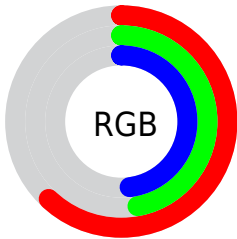
Format	Color
R_{YB}	158, 121, 123
Decimal	10385787
CIE _{Lab}	54.42, 14.72, 4.48
CIE _{LCh}	54, 15.390, 16.906
Yxy	22.3739, 0.3571, 0.3259
Android (android.graphics.Color)	4288575867 (0xFF9E797B)
YUV	132.2910, -4.5805, 22.5468
Hunter-Lab	47.3011, 9.7282, 5.8285

Details

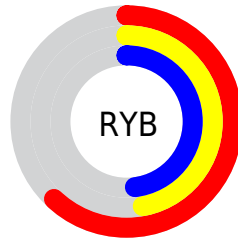
The XYZ color **24.5131, 22.3739, 21.7655** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.1137, 30.9196, 36.0458**, and the grayscale version is **22.0483, 23.1965, 25.2610**.

A 20% lighter version of the original color is **50.1220, 47.1284, 47.0124**, and **9.4973, 8.1933, 7.5595** is the 20% darker color. If you saturate the color by 10%, you get **21.8827, 18.4977, 16.6194**, and if you desaturate by 10%, it is **27.6022, 26.9383, 27.7699**.

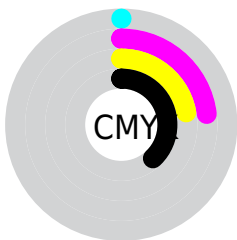
Distribution



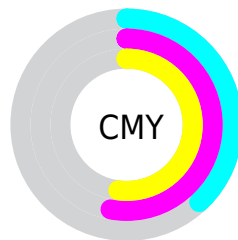
- Red (62%)
- Green (47%)
- Blue (48%)



- Red (62%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (38%)



- Cyan (38%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5131, 22.3739, 21.7655 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 24.5131, 22.3739, 21.7655 by changing the saturation by 10% instead.

■ 24.5131, 22.3739,
21.7655

■ 24.5131, 22.3739,
21.7655

267.7970,
264.4927, 274.2326

■ 15.8415, 14.1319,
13.4880

■ 50.3148, 47.3632,
47.2553

■ 9.5022, 8.2125,
7.6308

■ 68.1756, 64.8793,
65.3048

■ 5.1299, 4.2312,
3.7753

■ 89.8302, 86.2555,
87.4486

■ 2.3592, 1.8037,
1.5029

115.6439,
111.8763, 114.1054

■ 0.8247, 0.4895,
0.2201

145.9821,
142.1260, 145.6936

■ 0.0000, 0.0000,
0.0000

181.2101,

177.3890, 182.6319

221.6932,
218.0498, 225.3387

■ 24.5131, 22.3739,
21.7655

■ 24.5131, 22.3739,
21.7655

■ 21.8827, 18.4977,
16.6194

■ 27.6022, 26.9383,
27.7699

■ 19.6872, 15.2735,
12.2911

■ 31.1683, 32.2187,
34.6677

■ 17.9039, 12.6663,
8.7389

■ 35.2312, 38.2451,
42.4941

■ 16.5070, 10.6368,
5.9168

■ 39.8089, 45.0451,
51.2815

■ 15.4677, 9.1409,
3.7742

■ 44.9186, 52.6447,
61.0611

■ 14.7536, 8.1286,
2.2537

■ 50.5766, 61.0687,
71.8625

■ 14.3258, 7.5399,
1.2886

■ 56.7985, 70.3408,
83.7143

■ 14.1474, 7.2878,
0.9060

■ 63.5993, 80.4839,
96.6436

■ 67.9107, 86.0092,
107.6299

Harmonies

Analogous

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



24.5744, 22.3739, 26.5208



24.5131, 22.3739, 21.7655



23.5530, 22.3739, 18.2035

Triad

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



24.5131, 22.3739, 21.7655



18.9901, 22.3739, 18.5647



20.5413, 22.3739, 34.5440

Complementary

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



24.5131, 22.3739, 21.7655



26.1137, 30.9196, 36.0458

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.



19.1315, 22.3739, 31.7715



24.5131, 22.3739, 21.7655



18.2682, 22.3739, 22.3224

Square

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



24.5131, 22.3739, 21.7655



20.3389, 22.3739, 16.5295



18.3186, 22.3739, 27.1559



22.2203, 22.3739, 34.3431

Rectangle

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



24.5131, 22.3739, 21.7655



22.5599, 22.3739, 16.7950



18.3186, 22.3739, 27.1559



20.0221, 22.3739, 33.9149

Sweetspot

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



24.5137, 22.3749, 21.7660



54.0877, 54.7847, 58.1010



26.6298, 23.1659, 35.4159



12.1136, 12.2321, 12.9434



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.5137, 22.3749, 21.7660



41.9633, 36.8675, 34.5406



26.5028, 26.5512, 21.8185



6.6469, 6.6517, 6.9915



11.3353, 5.8387, 0.7509



0.2064, 0.1059, 0.0333

Inverse Universe

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



24.5137, 22.3749, 21.7660



41.9633, 36.8675, 34.5406



23.7256, 25.8706, 36.0910



6.6469, 6.6517, 6.9915



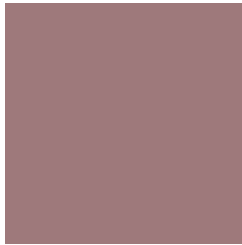
11.3353, 5.8387, 0.7509



0.2064, 0.1059, 0.0333

Previews

White Background



This preview shows how the XYZ color 24.5131, 22.3739, 21.7655 looks on a white background.

Color Contrast Check

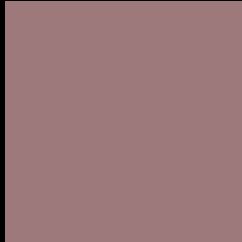
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5131, 22.3739, 21.7655 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 24.5131, 22.3739, 21.7655

Background



This preview shows how black text looks on a background with the XYZ color 24.5131, 22.3739, 21.7655.



This preview shows how white text looks on a background with the XYZ color 24.5131, 22.3739,

21.7655.

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

24.5131, 22.3739, 21.7655

Protanopia

21.5518, 22.5103, 23.6311

Deuteranopia

22.8278, 22.4378, 21.5401



Tritanopia

24.9770, 22.3888, 23.7739

Trichromacy



Original Color

24.5131, 22.3739, 21.7655

Protanomaly

22.5106, 22.4359, 22.8828

Deuteranomaly

23.2982, 22.3045, 21.4896

Tritanomaly

24.8453, 22.3362, 23.0805

Monochromacy



Original Color

24.5131, 22.3739, 21.7655

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6661, 22.6860, 23.9531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5131, 22.3739, 21.7655 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(158, 121, 123)` looks like.

```
.text, #text, p{  
    color:rgb(158, 121, 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(158, 121, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 121, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.5131, 22.3739, 21.7655 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(158, 121, 123) }
```


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

```
.border{ border-color:rgb(158, 121, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 121, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 121, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 121, 123);  
box-shadow:4px 4px 4px 4px rgb(158, 121,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5131, 22.3739, 21.7655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 121, 123) }
```

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

```
.background{ background-color: rgb(158,  
121, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor