

Converting Colors

XYZ(24.2272, 22.4268, 24.4315)

Have a look what the booklet for
XYZ(24.2272, 22.4268, 24.4315)
contains.

XYZ(24.1931, 22.3301, 24.5077)	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(24.1931, 22.3301,
24.5077)**

Conversions

Conversions Part 1

Format	Color
Hex	997A83
RGB	153, 122, 131
RGB Percent	60%, 48%, 51%
CMY	0.4000, 0.5216, 0.4863
CMYK	0.00, 0.20, 0.14, 0.40
HSL	343°, 13%, 54%
HSV	343°, 20%, 60%
XYZ	24.1931, 22.3301, 24.5077
YIQ	132.2950, 15.5870, 9.3710

Conversions

Conversions Part 2

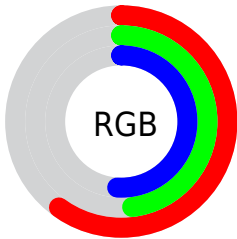
Format	Color
R_{YB}	153, 122, 131
Decimal	10058371
CIE Lab	54.38, 13.53, -0.32
CIE LCh	54, 13.536, 358.637
Yxy	22.3301, 0.3406, 0.3144
Android (android.graphics.Color)	4288248451 (0xFF997A83)
YUV	132.2950, -0.6384, 18.1583
Hunter-Lab	47.2547, 8.6912, 2.3288

Details

The XYZ color **24.1931, 22.3301, 24.5077** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.4522, 28.9341, 30.6831**, and the grayscale version is **22.0374, 23.1851, 25.2486**.

A 20% lighter version of the original color is **49.9941, 47.5305, 51.8867**, and **9.3850, 8.1991, 9.0706** is the 20% darker color. If you saturate the color by 10%, you get **21.7626, 18.5856, 20.2547**, and if you desaturate by 10%, it is **26.9978, 26.6990, 29.2666**.

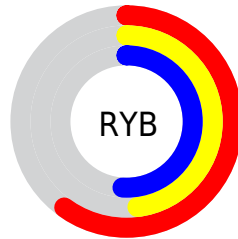
Distribution



Red (60%)

Green (48%)

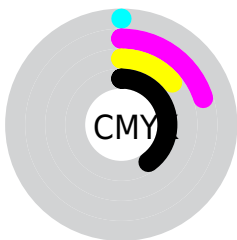
Blue (51%)



Red (60%)

Yellow (48%)

Blue (51%)

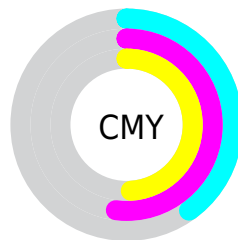


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (40%)



Cyan (40%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1931, 22.3301, 24.5077 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 24.1931, 22.3301, 24.5077 by changing the saturation by 10% instead.

■ 24.1931, 22.3301,
24.5077

■ 24.1931, 22.3301,
24.5077

266.2177,
264.2653, 288.7461

■ 15.6024, 14.0997,
15.4950

■ 49.7975, 47.2910,
51.8116

■ 9.3323, 8.1900,
9.0170

■ 67.5420, 64.7902,
70.9399

■ 5.0174, 4.2168,
4.6553

■ 89.0684, 86.1478,
94.2771

■ 2.2923, 1.7955,
1.9913

114.7422,
111.7482, 122.2418

■ 0.7907, 0.4844,
0.5499

144.9286,
141.9757, 155.2525

■ 0.0000, 0.0000,
0.0000

179.9931,

177.2148, 193.7277

220.3010,
217.8499, 238.0861

■ 24.1931, 22.3301,
24.5077

■ 24.1931, 22.3301,
24.5077

■ 21.7626, 18.5856,
20.2547

■ 26.9978, 26.6990,
29.2666

■ 19.6882, 15.4340,
16.4892

■ 30.1900, 31.7160,
34.5461

■ 17.9532, 12.8454,
13.1935

■ 33.7847, 37.4073,
40.3623

■ 16.5387, 10.7863,
10.3484

■ 37.7953, 43.7967,
46.7299

■ 15.4238, 9.2194,
7.9333

■ 42.2348, 50.9067,
53.6633

■ 14.5852, 8.1028,
5.9257

■ 47.1155, 58.7590,
61.1760

■ 13.9956, 7.3870,
4.3009

■ 52.4494, 67.3744,
69.2813

■ 13.5993, 6.9573,
3.0494

■ 58.2478, 76.7726,
77.9920

■ 63.0026, 83.9346,
86.8141

Harmonies

Analogous

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



23.7438, 22.3301, 28.7993



24.1931, 22.3301, 24.5077



23.8167, 22.3301, 20.6187

Triad

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



24.1931, 22.3301, 24.5077



19.8913, 22.3301, 17.8485



19.7794, 22.3301, 31.9447

Complementary

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



24.1931, 22.3301, 24.5077



24.4522, 28.9341, 30.6831

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.



18.8268, 22.3301, 28.4257



24.1931, 22.3301, 24.5077



18.8893, 22.3301, 20.3199

Square

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



24.1931, 22.3301, 24.5077



21.2917, 22.3301, 17.0524



18.5085, 22.3301, 24.1207



21.1566, 22.3301, 33.3894

Rectangle

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



24.1931, 22.3301, 24.5077



23.1575, 22.3301, 18.7036



18.5085, 22.3301, 24.1207



19.4014, 22.3301, 30.9465

Sweetspot

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



24.1937, 22.3311, 24.5082



50.6311, 51.3912, 56.2128



24.1593, 22.1224, 33.1338



11.1078, 11.2346, 12.2929



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.



24.1937, 22.3311, 24.5082



41.4130, 37.0318, 40.5717



24.3957, 23.6690, 21.6965



6.2789, 6.2507, 6.8487



11.2525, 5.7553, 2.5890



0.1826, 0.0918, 0.1144

Inverse Universe

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



24.1937, 22.3311, 24.5082



41.4130, 37.0318, 40.5717



24.1792, 27.2434, 34.1212



6.2789, 6.2507, 6.8487



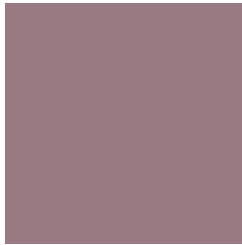
11.2525, 5.7553, 2.5890



0.1826, 0.0918, 0.1144

Previews

White Background



This preview shows how the XYZ color 24.1931, 22.3301, 24.5077 looks on a white background.

Color Contrast Check

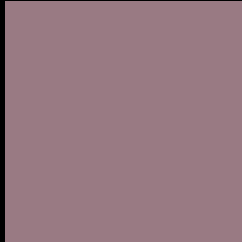
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1931, 22.3301, 24.5077 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 24.1931, 22.3301, 24.5077

Background



This preview shows how black text looks on a background with the XYZ color 24.1931, 22.3301, 24.5077.



This preview shows how white text looks on a background with the XYZ color 24.1931, 22.3301,

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

24.1931, 22.3301, 24.5077

Protanopia

21.7159, 22.5398, 26.1277

Deuteranopia

22.8178, 22.3731, 24.2349



Tritanopia

24.1931, 22.3301, 24.5077

Trichromacy



Original Color

24.1931, 22.3301, 24.5077

Protanomaly

22.5399, 22.3889, 25.6878

Deuteranomaly

23.3955, 22.4820, 24.2255

Tritanomaly

24.1931, 22.3301, 24.5077

Monochromacy



Original Color

24.1931, 22.3301, 24.5077

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6992, 22.6797, 25.0110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1931, 22.3301, 24.5077 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, 122, 131)` looks like.

```
.text, #text, p{  
    color:rgb(153, 122, 131)  
}
```

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, 122, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 122, 131) }
```

Border

The CSS property to change the border of an element to XYZ 24.1931, 22.3301, 24.5077 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, 122, 131) }
```


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

```
.border{ border-color:rgb(153, 122, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 122, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 122, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 122, 131);  
box-shadow:4px 4px 4px 4px rgb(153, 122,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1931, 22.3301, 24.5077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 122, 131) }
```

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

```
.background{ background-color: rgb(153,  
122, 131) }
```

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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