

Converting Colors

XYZ(24.8560, 21.9318, 22.5194)

Have a look what the booklet for
XYZ(24.8560, 21.9318, 22.5194)
contains.

XYZ(24.9423, 22.0403, 22.6783)	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(24.9423, 22.0403,
22.6783)**

Conversions

Conversions Part 1

Format	Color
Hex	A1767E
RGB	161, 118, 126
RGB Percent	63%, 46%, 49%
CMY	0.3686, 0.5372, 0.5059
CMYK	0.00, 0.27, 0.22, 0.37
HSL	349°, 19%, 55%
HSV	349°, 27%, 63%
XYZ	24.9423, 22.0403, 22.6783
YIQ	131.7690, 23.0600, 11.6040

Conversions

Conversions Part 2

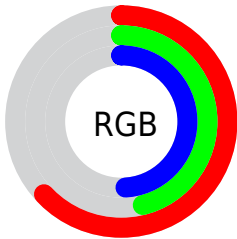
Format	Color
R_{YB}	161, 118, 126
Decimal	10581630
CIE _{Lab}	54.07, 18.09, 2.26
CIE _{LCh}	54, 18.228, 7.111
Yxy	22.0403, 0.3581, 0.3164
Android (android.graphics.Color)	4288771710 (0xFFA1767E)
YUV	131.7690, -2.8441, 25.6356
Hunter-Lab	46.9471, 12.6770, 4.2223

Details

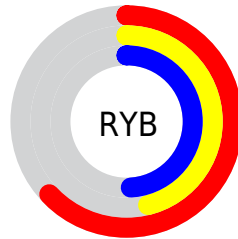
The XYZ color **24.9423, 22.0403, 22.6783** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.9668, 31.6418, 34.8774**, and the grayscale version is **21.8536, 22.9917, 25.0379**.

A 20% lighter version of the original color is **50.8303, 46.6031, 48.9641**, and **9.6520, 7.9802, 8.0528** is the 20% darker color. If you saturate the color by 10%, you get **22.4147, 18.2509, 17.9333**, and if you desaturate by 10%, it is **27.9055, 26.5233, 28.1157**.

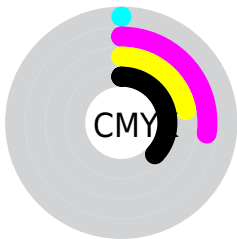
Distribution



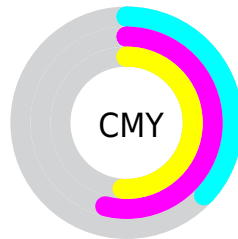
- Red (63%)
- Green (46%)
- Blue (49%)



- Red (63%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (37%)



- Cyan (37%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9423, 22.0403, 22.6783 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 24.9423, 22.0403, 22.6783 by changing the saturation by 10% instead.

■ 24.9423, 22.0403,
22.6783

■ 24.9423, 22.0403,
22.6783

269.9034,
262.7567, 279.1365

■ 16.1626, 13.8865,
14.1531

■ 51.0072, 46.8126,
48.7810

■ 9.7308, 8.0418,
8.0872

■ 69.0230, 64.1999,
67.1956

■ 5.2818, 4.1217,
4.0623

■ 90.8483, 85.4338,
89.7438

■ 2.4500, 1.7419,
1.6596

116.8483,
110.8988, 116.8440

■ 0.8701, 0.4505,
0.3328

147.3885,
140.9791, 148.9148

■ 0.0000, 0.0000,
0.0000

182.8342,

176.0593, 186.3748

223.5507,
216.5237, 229.6426

■ 24.9423, 22.0403,
22.6783

■ 24.9423, 22.0403,
22.6783

■ 22.4147, 18.2509,
17.9333

■ 27.9055, 26.5233,
28.1157

■ 20.3003, 15.1175,
13.8513

■ 31.3219, 31.7290,
34.2704

■ 18.5771, 12.6034,
10.4029

■ 35.2101, 37.6885,
41.1680

■ 17.2207, 10.6675,
7.5558

■ 39.5874, 44.4302,
48.8321

■ 16.2036, 9.2631,
5.2747

■ 44.4699, 51.9811,
57.2855

■ 15.4942, 8.3366,
3.5208

■ 49.8732, 60.3669,
66.5500

■ 15.0481, 7.8093,
2.2475

■ 55.8122, 69.6120,
76.6464

■ 14.9317, 7.6706,
1.9182

■ 62.3011, 79.7399,
87.5949

■ 66.7798, 85.6258,
98.5570

Harmonies

Analogous

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



24.6408, 22.0403, 28.4758



24.9423, 22.0403, 22.6783



24.1213, 22.0403, 18.0225

Triad

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



24.9423, 22.0403, 22.6783



18.7424, 22.0403, 16.3361



19.5078, 22.0403, 35.4610

Complementary

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



24.9423, 22.0403, 22.6783



25.9668, 31.6418, 34.8774

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.



18.0672, 22.0403, 31.1671



24.9423, 22.0403, 22.6783



17.6450, 22.0403, 20.0163

Square

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



24.9423, 22.0403, 22.6783



20.4826, 22.0403, 14.7524



17.4058, 22.0403, 25.3682



21.4217, 22.0403, 36.4716

Rectangle

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



24.9423, 22.0403, 22.6783



23.0765, 22.0403, 15.9834



17.4058, 22.0403, 25.3682



18.9558, 22.0403, 34.3244

Sweetspot

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



24.9429, 22.0413, 22.6788



55.1593, 55.3948, 59.7017



25.9361, 22.2452, 36.6452



11.8973, 11.8436, 12.7349



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.



24.9429, 22.0413, 22.6788



41.9094, 35.3261, 35.4587



26.0716, 25.0918, 20.6099



7.1251, 7.1065, 7.6452



11.9370, 6.1309, 1.5932



0.2648, 0.1344, 0.1073

Inverse Universe

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



24.9429, 22.0413, 22.6788



41.9094, 35.3261, 35.4587



24.5107, 27.6367, 37.7610



7.1251, 7.1065, 7.6452



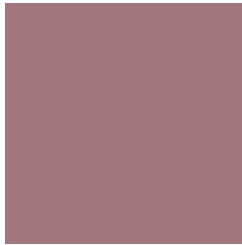
11.9370, 6.1309, 1.5932



0.2648, 0.1344, 0.1073

Previews

White Background



This preview shows how the XYZ color 24.9423, 22.0403, 22.6783 looks on a white background.

Color Contrast Check

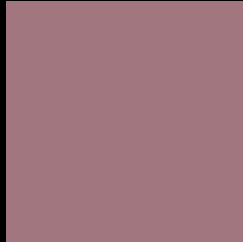
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9423, 22.0403, 22.6783 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 24.9423, 22.0403, 22.6783

Background



This preview shows how black text looks on a background with the XYZ color 24.9423, 22.0403, 22.6783.



This preview shows how white text looks on a background with the XYZ color 24.9423, 22.0403,

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

24.9423, 22.0403, 22.6783

Protanopia

21.3752, 22.1918, 24.9866

Deuteranopia

22.5369, 22.0772, 22.4755



Tritanopia

25.0071, 22.0662, 23.0199

Trichromacy



Original Color

24.9423, 22.0403, 22.6783

Protanomaly

22.5182, 22.0297, 24.1844

Deuteranomaly

23.2389, 21.8838, 22.4012

Tritanomaly

25.0071, 22.0662, 23.0199

Monochromacy



Original Color

24.9423, 22.0403, 22.6783

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.9463, 22.6301, 24.2777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9423, 22.0403, 22.6783 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(161, 118, 126)` looks like.

```
.text, #text, p{  
    color:rgb(161, 118, 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(161, 118, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 118, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.9423, 22.0403, 22.6783 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(161, 118, 126) }
```


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

```
.border{ border-color:rgb(161, 118, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 118, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 118, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 118, 126);  
box-shadow:4px 4px 4px 4px rgb(161, 118,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9423, 22.0403, 22.6783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 118, 126) }
```

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

```
.background{ background-color: rgb(161,  
118, 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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