

Converting Colors

XYZ(26.3509, 22.7522, 22.2715)

Have a look what the booklet for
XYZ(26.3509, 22.7522, 22.2715)
contains.

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Color

**XYZ(26.3286, 22.7624,
22.4079)**

Conversions

Conversions Part 1

Format	Color
Hex	A8767D
RGB	168, 118, 125
RGB Percent	66%, 46%, 49%
CMY	0.3412, 0.5372, 0.5098
CMYK	0.00, 0.30, 0.26, 0.34
HSL	352°, 22%, 56%
HSV	352°, 30%, 66%
XYZ	26.3286, 22.7624, 22.4079
YIQ	133.7480, 27.5530, 12.7770

Conversions

Conversions Part 2

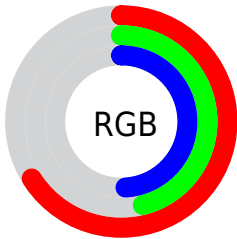
Format	Color
R_{YB}	168, 118, 125
Decimal	11040381
CIE _{Lab}	54.83, 20.65, 4.03
CIE _{LCh}	55, 21.039, 11.057
Yxy	22.7624, 0.3682, 0.3184
Android (android.graphics.Color)	4289230461 (0xFFA8767D)
YUV	133.7480, -4.3128, 30.0390
Hunter-Lab	47.7100, 15.0123, 5.5503

Details

The XYZ color **26.3286, 22.7624, 22.4079** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.9079, 34.4307, 38.8950**, and the grayscale version is **22.5763, 23.7520, 25.8660**.

A 20% lighter version of the original color is **53.3393, 48.1875, 48.6093**, and **10.5029, 8.4229, 7.9097** is the 20% darker color. If you saturate the color by 10%, you get **23.6667, 18.8098, 17.2931**, and if you desaturate by 10%, it is **29.4784, 27.4756, 28.3484**.

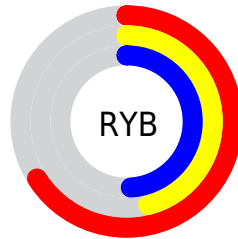
Distribution



Red (66%)

Green (46%)

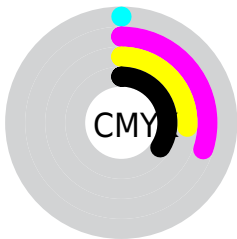
Blue (49%)



Red (66%)

Yellow (46%)

Blue (49%)

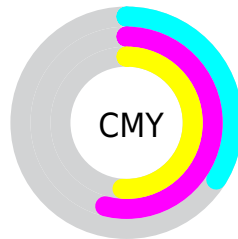


Cyan (0%)

Magenta (30%)

Yellow (26%)

Black (34%)



Cyan (34%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3286, 22.7624, 22.4079 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 26.3286, 22.7624, 22.4079 by changing the saturation by 10% instead.

■ 26.3286, 22.7624,
22.4079

■ 26.3286, 22.7624,
22.4079

276.6187,
266.5023, 277.6918

■ 17.2036, 14.4182,
13.9557

■ 53.2321, 48.0029,
48.3301

■ 10.4760, 8.4121,
7.9515

■ 71.7413, 65.6679,
66.6371

■ 5.7803, 4.3597,
3.9766

■ 94.1094, 87.2087,
89.0663

■ 2.7514, 1.8768,
1.6125

120.7015,
113.0096, 116.0360

■ 1.0237, 0.5344,
0.2997

151.8832,
143.4550, 147.9649

■ 0.0000, 0.0000,
0.0000

188.0197,

178.9293, 185.2714

229.4764,
219.8170, 228.3742

■ 26.3286, 22.7624,
22.4079

■ 26.3286, 22.7624,
22.4079

■ 23.6667, 18.8098,
17.2931

■ 29.4784, 27.4756,
28.3484

■ 21.4664, 15.5749,
12.9659

■ 33.1370, 32.9829,
35.1475

■ 19.7017, 13.0153,
9.3875


■ 37.3263, 39.3199,
42.8382


■ 18.3431, 11.0832,
6.5149


■ 42.0665, 46.5189,
51.4510

■ 17.3577, 9.7240,
4.3008

■ 47.3765, 54.6106,
61.0152

 16.7070, 8.8741,
2.6920


 53.2744, 63.6242,
71.5588

 16.3163, 8.3990,
1.6176

 59.7776, 73.5873,
83.1086

 16.3084, 8.3888,
1.5973

 66.9027, 84.5268,
95.6902

 69.9586, 87.0649,
107.7257

Harmonies

Analogous

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



26.1475, 22.7624, 29.1800



26.3286, 22.7624, 22.4079



25.1862, 22.7624, 17.2867

Triad

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



26.3286, 22.7624, 22.4079



18.8281, 22.7624, 16.3252



20.2151, 22.7624, 38.9828

Complementary

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



26.3286, 22.7624, 22.4079



27.9079, 34.4307, 38.8950

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.



18.4343, 22.7624, 34.1864



26.3286, 22.7624, 22.4079



17.6740, 22.7624, 20.8540

Square

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



26.3286, 22.7624, 22.4079



20.7884, 22.7624, 14.2179



17.5352, 22.7624, 27.3232



22.5042, 22.7624, 39.6028

Rectangle

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



26.3286, 22.7624, 22.4079



23.8727, 22.7624, 15.1793



17.5352, 22.7624, 27.3232



19.5417, 22.7624, 37.7699

Sweetspot

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



26.3292, 22.7635, 22.4084



60.5562, 60.4927, 64.5637



28.1445, 23.3104, 40.0620



12.9816, 12.8573, 13.6713



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.3292, 22.7635, 22.4084



44.3518, 36.2132, 34.1009



28.1532, 27.1016, 20.8882



7.5723, 7.5588, 8.0649



12.3272, 6.3396, 1.2688



0.3123, 0.1592, 0.0962

Inverse Universe

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



26.3292, 22.7635, 22.4084



44.3518, 36.2132, 34.1009



25.5263, 28.6522, 41.2311



7.5723, 7.5588, 8.0649



12.3272, 6.3396, 1.2688



0.3123, 0.1592, 0.0962

Previews

White Background



This preview shows how the XYZ color 26.3286, 22.7624, 22.4079 looks on a white background.

Color Contrast Check

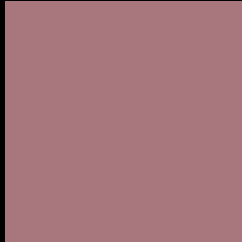
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3286, 22.7624, 22.4079 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 26.3286, 22.7624, 22.4079

Background



This preview shows how black text looks on a background with the XYZ color 26.3286, 22.7624, 22.4079.



This preview shows how white text looks on a background with the XYZ color 26.3286, 22.7624,

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

26.3286, 22.7624, 22.4079

Protanopia

22.1127, 22.9669, 25.0974

Deuteranopia

23.1971, 22.8118, 21.9194



Tritanopia

26.4576, 22.8140, 23.0877

Trichromacy



Original Color

26.3286, 22.7624, 22.4079

Protanomaly

23.2774, 22.6177, 23.9077

Deuteranomaly

24.3633, 22.8391, 22.1931

Tritanomaly

26.3928, 22.7881, 22.7461

Monochromacy



Original Color

26.3286, 22.7624, 22.4079

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.6700, 23.1880, 24.7009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3286, 22.7624, 22.4079 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(168, 118, 125)` looks like.

```
.text, #text, p{  
    color:rgb(168, 118, 125)  
}
```

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(168, 118, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 118, 125) }
```

Border

The CSS property to change the border of an element to XYZ 26.3286, 22.7624, 22.4079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

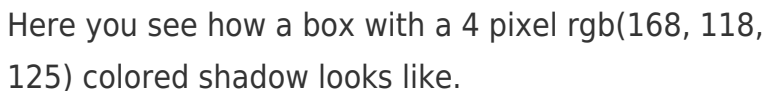
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 118, 125) }
```


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

```
.border{ border-color:rgb(168, 118, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 118, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 118, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 118, 125); box-shadow:4px 4px 4px 4px rgb(168, 118, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3286, 22.7624, 22.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 118, 125) }
```

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

```
.background{ background-color: rgb(168,  
118, 125) }
```

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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