

Converting Colors

XYZ(28.3750, 24.5279, 22.8205)

Have a look what the booklet for
XYZ(28.3750, 24.5279, 22.8205)
contains.

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Color

**XYZ(28.4046, 24.5394,
22.9782)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7A7E
RGB	175, 122, 126
RGB Percent	69%, 48%, 49%
CMY	0.3137, 0.5216, 0.5059
CMYK	0.00, 0.30, 0.28, 0.31
HSL	355°, 25%, 58%
HSV	355°, 30%, 69%
XYZ	28.4046, 24.5394, 22.9782
YIQ	138.3030, 30.3040, 12.4800

Conversions

Conversions Part 2

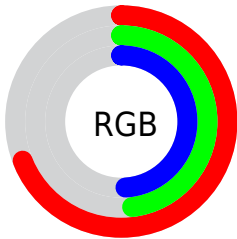
Format	Color
RYB	175, 122, 126
Decimal	11500158
CIELab	56.62, 21.25, 6.14
CIELCh	57, 22.123, 16.114
Yxy	24.5394, 0.3741, 0.3232
Android (android.graphics.Color)	4289690238 (0xFFAF7A7E)
YUV	138.3030, -6.0654, 32.1833
Hunter-Lab	49.5373, 15.6615, 7.1740

Details

The XYZ color **28.4046, 24.5394, 22.9782** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.7077, 37.7383, 44.1956**, and the grayscale version is **24.2881, 25.5530, 27.8272**.

A 20% lighter version of the original color is **56.7454, 51.0704, 49.5146**, and **11.6073, 9.3659, 8.2172** is the 20% darker color. If you saturate the color by 10%, you get **25.4852, 20.2384, 17.2639**, and if you desaturate by 10%, it is **31.8812, 29.6841, 29.7119**.

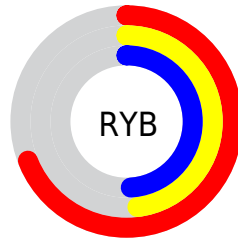
Distribution



Red (69%)

Green (48%)

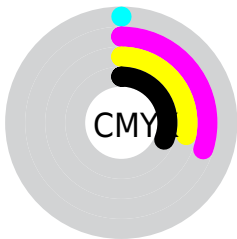
Blue (49%)



Red (69%)

Yellow (48%)

Blue (49%)

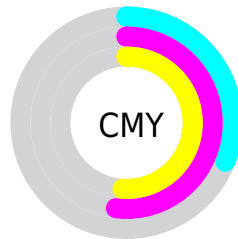


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (31%)



Cyan (31%)


Magenta (52%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4046, 24.5394, 22.9782 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 28.4046, 24.5394, 22.9782 by changing the saturation by 10% instead.

 28.4046, 24.5394,
22.9782


 28.4046, 24.5394,
22.9782

286.4404,
275.5363, 280.7313


 18.7729, 15.7342,
14.3723


 56.5339, 50.9090,
49.2803

 11.6093, 9.3363,
8.2383


 75.7622, 69.2422,
67.8135

 6.5485, 4.9612,
4.1579


 98.9201, 91.5203,
90.4929

 3.2252, 2.2245,
1.7123

126.3728,
118.1275, 117.7370

 1.2739, 0.7333,
0.3692

158.4859,
149.4483, 149.9643

 0.1636, 0.0000,
0.0000

195.6246,

 0.0000, 0.0000,

185.8671, 187.5935

0.0000

238.1543,
227.7683, 231.0429

■ 28.4046, 24.5394,
22.9782

■ 28.4046, 24.5394,
22.9782

■ 25.4852, 20.2384,
17.2639

■ 31.8812, 29.6841,
29.7119

■ 23.0920, 16.7328,
12.5179

■ 35.9397, 35.7106,
37.5098

■ 21.1944, 13.9749,
8.6870


■ 40.6059, 42.6586,
46.4158


■ 19.7573, 11.9103,
5.7121


■ 45.9033, 50.5647,
56.4708


■ 18.7413, 10.4773,
3.5272


■ 51.8543, 59.4632,
67.7136

 18.1005, 9.6033,
2.0568

 58.4800, 69.3869,
80.1815

 17.7531, 9.1435,
1.2166

 65.8009, 80.3670,
93.9098

 71.4892, 87.8540,
107.7974

Harmonies

Analogous

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



28.4614, 24.5394, 30.2643



28.4046, 24.5394, 22.9782



26.9227, 24.5394, 17.7568

Triad

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



28.4046, 24.5394, 22.9782



19.9384, 24.5394, 18.0549



22.1572, 24.5394, 42.9605

Complementary

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



28.4046, 24.5394, 22.9782



30.7077, 37.7383, 44.1956

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.



20.0611, 24.5394, 38.2811



28.4046, 24.5394, 22.9782



18.8453, 24.5394, 23.4624

Square

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



28.4046, 24.5394, 22.9782



21.9782, 24.5394, 15.2921



18.8884, 24.5394, 30.8458



24.7235, 24.5394, 42.7652

Rectangle

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



28.4046, 24.5394, 22.9782



25.3842, 24.5394, 15.7492



18.8884, 24.5394, 30.8458



21.3783, 24.5394, 41.8731

Sweetspot

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



28.4053, 24.5406, 22.9787



65.2537, 65.2756, 68.8765



31.4020, 25.6266, 43.8488



14.2535, 14.1366, 14.8303



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.4053, 24.5406, 22.9787



47.4453, 38.8971, 34.4599



31.1786, 30.4918, 22.6561



8.0288, 8.0248, 8.4627



12.7231, 6.5518, 0.9212



0.3617, 0.1854, 0.0664

Inverse Universe

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



28.4053, 24.5406, 22.9787



47.4453, 38.8971, 34.4599



27.1425, 29.9889, 44.9153



8.0288, 8.0248, 8.4627



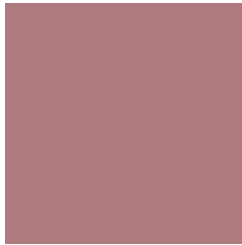
12.7231, 6.5518, 0.9212



0.3617, 0.1854, 0.0664

Previews

White Background



This preview shows how the XYZ color 28.4046, 24.5394, 22.9782 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 28.4046, 24.5394, 22.9782 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 28.4046, 24.5394, 22.9782

Background



This preview shows how black text looks on a background with the XYZ color 28.4046, 24.5394, 22.9782.



This preview shows how white text looks on a background with the XYZ color 28.4046, 24.5394,

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

28.4046, 24.5394, 22.9782

Protanopia

23.6853, 24.7907, 25.7270

Deuteranopia

25.0808, 24.5579, 22.4870



Tritanopia

28.6133, 24.4274, 24.6796

Trichromacy



Original Color

28.4046, 24.5394, 22.9782

Protanomaly

25.0945, 24.5197, 24.5292

Deuteranomaly

26.3211, 24.6004, 22.7631

Tritanomaly

28.4790, 24.3737, 23.9725

Monochromacy



Original Color

28.4046, 24.5394, 22.9782

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.3168, 24.8031, 26.0074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4046, 24.5394, 22.9782 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(175, 122, 126)` looks like.

```
.text, #text, p{  
    color:rgb(175, 122, 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(175, 122, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 122, 126) }
```

Border

The CSS property to change the border of an element to XYZ 28.4046, 24.5394, 22.9782 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(175, 122, 126) }
```


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

```
.border{ border-color:rgb(175, 122, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 122, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 122, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 122, 126); box-shadow:4px 4px 4px 4px rgb(175, 122, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4046, 24.5394, 22.9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 122, 126) }
```

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

```
.background{ background-color: rgb(175,  
122, 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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