

Converting Colors

XYZ(26.6679, 22.3998, 21.3892)

Have a look what the booklet for
XYZ(26.6679, 22.3998, 21.3892)
contains.

XYZ(26.6568, 22.4373, 21.3382)	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(26.6568, 22.4373,
21.3382)**

Conversions

Conversions Part 1

Format	Color
Hex	AC737A
RGB	172, 115, 122
RGB Percent	67%, 45%, 48%
CMY	0.3255, 0.5490, 0.5216
CMYK	0.00, 0.33, 0.29, 0.33
HSL	353°, 26%, 56%
HSV	353°, 33%, 67%
XYZ	26.6568, 22.4373, 21.3382
YIQ	132.8410, 31.7250, 14.2610

Conversions

Conversions Part 2

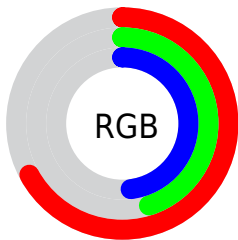
Format	Color
R_{YB}	172, 115, 122
Decimal	11301754
CIE _{Lab}	54.49, 23.46, 5.36
CIE _{LCh}	54, 24.063, 12.872
Yxy	22.4373, 0.3785, 0.3186
Android (android.graphics.Color)	4289491834 (0xFFAC737A)
YUV	132.8410, -5.3446, 34.3424
Hunter-Lab	47.3680, 17.5585, 6.4488

Details

The XYZ color **26.6568, 22.4373, 21.3382** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.6152, 35.8669, 41.0140**, and the grayscale version is **22.2478, 23.4064, 25.4896**.

A 20% lighter version of the original color is **53.7718, 47.3514, 46.3501**, and **10.6220, 8.2290, 7.3318** is the 20% darker color. If you saturate the color by 10%, you get **24.0119, 18.5292, 16.1966**, and if you desaturate by 10%, it is **29.8141, 27.1375, 27.3673**.

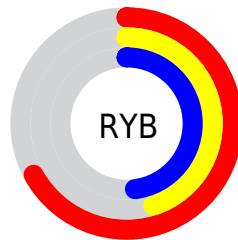
Distribution



Red (67%)

Green (45%)

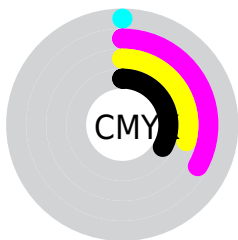
Blue (48%)



Red (67%)

Yellow (45%)

Blue (48%)

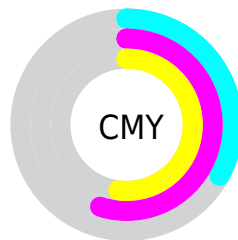


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (33%)



Cyan (33%)


Magenta (55%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6568, 22.4373, 21.3382 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 26.6568, 22.4373, 21.3382 by changing the saturation by 10% instead.

 26.6568, 22.4373,
21.3382


 26.6568, 22.4373,
21.3382


278.1895,
264.8215, 271.9103


 17.4509, 14.1786,
13.1778


 53.7564, 47.4677,
46.5378


 10.6538, 8.2450,
7.4189


 72.3809, 65.0082,
64.4141

 5.9001, 4.2521,
3.6431


 94.8755, 86.4113,
86.3660

 2.8245, 1.8156,
1.4316

 121.6057,
112.0616, 112.8122

 1.0617, 0.4968,
0.1662

152.9369,
142.3434, 144.1712

 0.0000, 0.0000,
0.0000

189.2343,

177.6410, 180.8615

230.8634,
218.3389, 223.3017

■ 26.6568, 22.4373,
21.3382

■ 26.6568, 22.4373,
21.3382

■ 24.0119, 18.5292,
16.1966

■ 29.8141, 27.1375,
27.3673

■ 21.8504, 15.3666,
11.8992

■ 33.5069, 32.6667,
34.3217

■ 20.1434, 12.9027,
8.4009


■ 37.7594, 39.0634,
42.2386


■ 18.8581, 11.0846,
5.6522

■ 42.5935, 46.3627,
51.1529


■ 17.9569, 9.8513,
3.5978

■ 48.0300, 54.5978,
61.0977


 17.3959, 9.1303,
2.1744

 54.0888, 63.8001,
72.1045

 17.1496, 8.8252,
1.5145

 60.7887, 73.9998,
84.2034

 68.1478, 85.2255,
97.4235

 70.8232, 87.5106,
107.7662

Harmonies

Analogous

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



26.5439, 22.4373, 28.9582



26.6568, 22.4373, 21.3382



25.2591, 22.4373, 15.8277

Triad

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



26.6568, 22.4373, 21.3382



18.0610, 22.4373, 15.2639



19.8682, 22.4373, 41.0876

Complementary

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



26.6568, 22.4373, 21.3382



28.6152, 35.8669, 41.0140

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.



17.8239, 22.4373, 35.6930



26.6568, 22.4373, 21.3382



16.8410, 22.4373, 20.4010

Square

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



26.6568, 22.4373, 21.3382



20.2170, 22.4373, 12.8386



16.7579, 22.4373, 27.8078



22.4748, 22.4373, 41.4834

Rectangle

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



26.6568, 22.4373, 21.3382



23.7209, 22.4373, 13.6576



16.7579, 22.4373, 27.8078



19.0980, 22.4373, 39.7548

Sweetspot

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



26.6574, 22.4384, 21.3386



62.9607, 62.5276, 66.3277



28.9703, 23.1763, 41.9762



13.4636, 13.2593, 14.0051



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.6574, 22.4384, 21.3386



44.6401, 35.2036, 31.4969



28.8985, 27.5896, 20.0233



8.0438, 8.0308, 8.5413



12.7737, 6.5720, 1.1878



0.3676, 0.1877, 0.0978

Inverse Universe

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



26.6574, 22.4384, 21.3386



44.6401, 35.2036, 31.4969



25.6002, 28.7897, 43.2373



8.0438, 8.0308, 8.5413



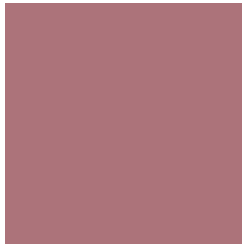
12.7737, 6.5720, 1.1878



0.3676, 0.1877, 0.0978

Previews

White Background



This preview shows how the XYZ color 26.6568, 22.4373, 21.3382 looks on a white background.

Color Contrast Check

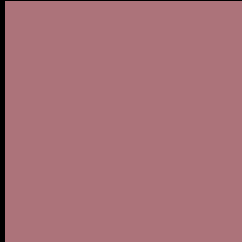
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6568, 22.4373, 21.3382 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 26.6568, 22.4373, 21.3382

Background



This preview shows how black text looks on a background with the XYZ color 26.6568, 22.4373, 21.3382.



This preview shows how white text looks on a background with the XYZ color 26.6568, 22.4373,

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

26.6568, 22.4373, 21.3382

Protanopia

21.6848, 22.5635, 24.3314

Deuteranopia

22.8836, 22.4808, 20.9024



Tritanopia

26.7191, 22.4622, 21.6663

Trichromacy



Original Color

26.6568, 22.4373, 21.3382

Protanomaly

23.1970, 22.4026, 23.1802

Deuteranomaly

24.1210, 22.3675, 21.1352

Tritanomaly

26.7191, 22.4622, 21.6663

Monochromacy



Original Color

26.6568, 22.4373, 21.3382

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.4559, 22.7097, 23.9160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6568, 22.4373, 21.3382 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(172, 115, 122)` looks like.

```
.text, #text, p{  
    color:rgb(172, 115, 122)  
}
```

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(172, 115, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 115, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.6568, 22.4373, 21.3382 is called "border". The border property can be set on classes, ids or directly on the HTML element.

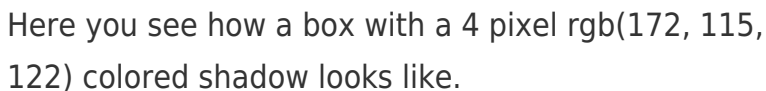
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 115, 122) }
```


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

```
.border{ border-color:rgb(172, 115, 122) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 115, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 115, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 115, 122);  
box-shadow:4px 4px 4px 4px rgb(172, 115,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6568, 22.4373, 21.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 115, 122) }
```

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

```
.background{ background-color: rgb(172,  
115, 122) }
```

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