

Converting Colors

XYZ(26.2449, 21.5332, 22.5117)

Have a look what the booklet for
XYZ(26.2449, 21.5332, 22.5117)
contains.

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Color

**XYZ(26.2449, 21.5332,
22.5117)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6F7E
RGB	171, 111, 126
RGB Percent	67%, 44%, 49%
CMY	0.3294, 0.5647, 0.5059
CMYK	0.00, 0.35, 0.26, 0.33
HSL	345°, 26%, 55%
HSV	345°, 35%, 67%
XYZ	26.2449, 21.5332, 22.5117
YIQ	130.6500, 30.9450, 17.3850

Conversions

Conversions Part 2

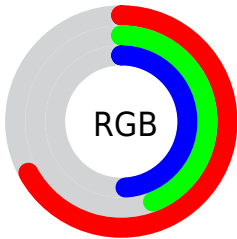
Format	Color
RYB	171, 111, 126
Decimal	11235198
CIELab	53.53, 25.90, 1.61
CIElCh	54, 25.951, 3.566
Yxy	21.5332, 0.3734, 0.3063
Android (android.graphics.Color)	4289425278 (0xFFAB6F7E)
YUV	130.6500, -2.2925, 35.3869
Hunter-Lab	46.4039, 19.7484, 3.7196

Details

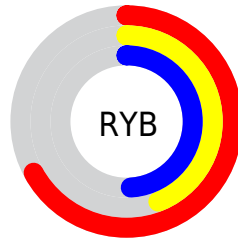
The XYZ color **26.2449, 21.5332, 22.5117** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.1202, 34.9061, 36.7625**, and the grayscale version is **21.4494, 22.5664, 24.5748**.

A 20% lighter version of the original color is **53.2288, 45.9430, 48.7103**, and **10.3983, 7.7630, 7.9715** is the 20% darker color. If you saturate the color by 10%, you get **23.7793, 17.8426, 17.8651**, and if you desaturate by 10%, it is **29.1750, 25.9826, 27.8372**.

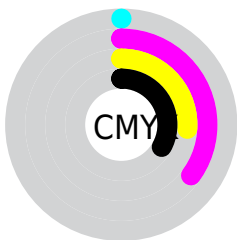
Distribution



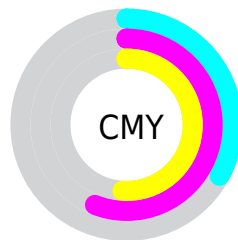
- Red (67%)
- Green (44%)
- Blue (49%)



- Red (67%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (33%)





- Cyan (33%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2449, 21.5332, 22.5117 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 26.2449, 21.5332, 22.5117 by changing the saturation by 10% instead.


 26.2449, 21.5332,
22.5117


 26.2449, 21.5332,
22.5117


276.2169,
260.0987, 278.2471


 17.1406, 13.5143,
14.0315


 53.0983, 45.9733,
48.5033


 10.4307, 7.7836,
8.0036


 71.5780, 63.1632,
66.8517

 5.7499, 3.9568,
4.0094

 93.9136, 84.1790,
89.3266

 2.7328, 1.6494,
1.6305

 120.4704,
109.4049, 116.3465

 1.0141, 0.3906,
0.3125

151.6138,
139.2255, 148.3300

 0.0000, 0.0000,
0.0000

187.7091,

174.0251, 185.6955

229.1217,
214.1880, 228.8618

■ 26.2449, 21.5332,
22.5117

■ 26.2449, 21.5332,
22.5117

■ 23.7793, 17.8426,
17.8651

■ 29.1750, 25.9826,
27.8372

■ 21.7520, 14.8653,
13.8682

■ 32.5904, 31.2270,
33.8664

■ 20.1368, 12.5555,
10.4914

■ 36.5128, 37.3037,
40.6247


■ 18.9038, 10.8609,
7.7025

■ 40.9621, 44.2471,
48.1356


■ 18.0191, 9.7214,
5.4657

■ 45.9570, 52.0893,
56.4217


 17.4412, 9.0625,
3.7408

 51.5155, 60.8609,
65.5044

 17.2259, 8.8305,
3.0573

 57.6544, 70.5912,
75.4045

 64.3901, 81.3080,
86.1419

 68.4966, 86.5547,
96.6553

Harmonies

Analogous

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



25.6062, 21.5332, 30.8987



26.2449, 21.5332, 22.5117



25.2242, 21.5332, 15.9947

Triad

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



26.2449, 21.5332, 22.5117



17.6656, 21.5332, 12.9093



18.1899, 21.5332, 39.8944

Complementary

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



26.2449, 21.5332, 22.5117



27.1202, 34.9061, 36.7625

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.



16.3485, 21.5332, 32.9125



26.2449, 21.5332, 22.5117



16.0654, 21.5332, 17.2998

Square

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



26.2449, 21.5332, 22.5117



20.1378, 21.5332, 11.2958



15.6056, 21.5332, 24.4058



20.7991, 21.5332, 42.1632

Rectangle

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



26.2449, 21.5332, 22.5117



23.7894, 21.5332, 13.2053



15.6056, 21.5332, 24.4058



17.4687, 21.5332, 37.9539

Sweetspot

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



26.2455, 21.5342, 22.5121



60.9908, 59.9794, 65.2044



26.7462, 21.3782, 41.2448



13.4009, 13.0659, 14.1944



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.



26.2455, 21.5342, 22.5121



43.5500, 33.3862, 33.8386



27.1254, 24.7284, 18.3837



8.0843, 8.0470, 8.7548



13.0042, 6.6642, 2.4014



0.3836, 0.1941, 0.1820

Inverse Universe

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



26.2455, 21.5342, 22.5121



43.5500, 33.3862, 33.8386



25.7955, 30.0974, 42.9779



8.0843, 8.0470, 8.7548



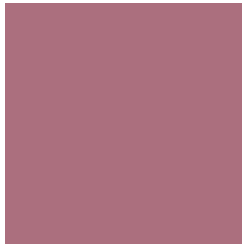
13.0042, 6.6642, 2.4014



0.3836, 0.1941, 0.1820

Previews

White Background



This preview shows how the XYZ color 26.2449, 21.5332, 22.5117 looks on a white background.

Color Contrast Check

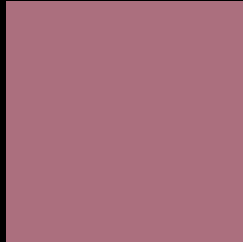
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2449, 21.5332, 22.5117 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 26.2449, 21.5332, 22.5117

Background



This preview shows how black text looks on a background with the XYZ color 26.2449, 21.5332, 22.5117.



This preview shows how white text looks on a background with the XYZ color 26.2449, 21.5332,

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

26.2449, 21.5332, 22.5117

Protanopia

21.0652, 21.8051, 26.3911

Deuteranopia

22.0011, 21.6213, 22.0825



Tritanopia

25.7619, 21.4905, 20.5596

Trichromacy



Original Color

26.2449, 21.5332, 22.5117

Protanomaly

22.6260, 21.5143, 24.7900

Deuteranomaly

23.4354, 21.4466, 22.3065

Tritanomaly

25.8846, 21.5395, 21.2056

Monochromacy



Original Color

26.2449, 21.5332, 22.5117

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.0242, 22.1113, 23.8233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2449, 21.5332, 22.5117 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(171, 111, 126)` looks like.

```
.text, #text, p{  
    color:rgb(171, 111, 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(171, 111, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 111, 126) }
```

Border

The CSS property to change the border of an element to XYZ 26.2449, 21.5332, 22.5117 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(171, 111, 126) }
```


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

```
.border{ border-color:rgb(171, 111, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 111, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 111, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 111, 126);  
box-shadow:4px 4px 4px 4px rgb(171, 111,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2449, 21.5332, 22.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 111, 126) }
```

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

```
.background{ background-color: rgb(171,  
111, 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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