

Converting Colors

XYZ(26.3309, 22.5186, 21.5280)

Have a look what the booklet for
XYZ(26.3309, 22.5186, 21.5280)
contains.

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Color

**XYZ(26.3358, 22.4420,
21.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	AA747A
RGB	170, 116, 122
RGB Percent	67%, 45%, 48%
CMY	0.3333, 0.5451, 0.5216
CMYK	0.00, 0.32, 0.28, 0.33
HSL	353°, 24%, 56%
HSV	353°, 32%, 67%
XYZ	26.3358, 22.4420, 21.3560
YIQ	132.8300, 30.2580, 13.3140

Conversions

Conversions Part 2

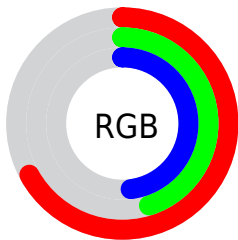
Format	Color
R_{YB}	170, 116, 122
Decimal	11170938
CIE _{Lab}	54.49, 22.12, 5.34
CIE _{LCh}	54, 22.752, 13.565
Yxy	22.4420, 0.3755, 0.3200
Android (android.graphics.Color)	4289361018 (0xFFAA747A)
YUV	132.8300, -5.3392, 32.5981
Hunter-Lab	47.3730, 16.3298, 6.4328

Details

The XYZ color **26.3358, 22.4420, 21.3560** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.2790, 35.1433, 40.4167**, and the grayscale version is **22.2441, 23.4026, 25.4854**.

A 20% lighter version of the original color is **53.0066, 47.2300, 46.3669**, and **10.4122, 8.2084, 7.3389** is the 20% darker color. If you saturate the color by 10%, you get **23.6878, 18.5298, 16.2073**, and if you desaturate by 10%, it is **29.4892, 27.1318, 27.3921**.

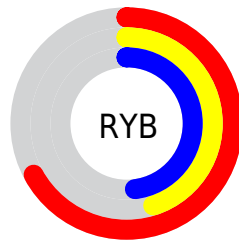
Distribution



Red (67%)

Green (45%)

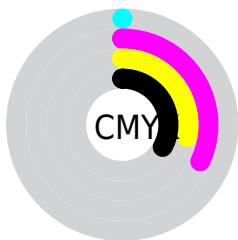
Blue (48%)



Red (67%)

Yellow (45%)

Blue (48%)

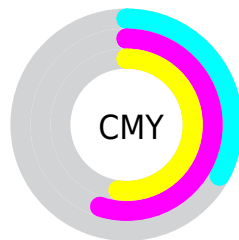


Cyan (0%)

Magenta (32%)

Yellow (28%)

Black (33%)



Cyan (33%)


Magenta (55%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3358, 22.4420, 21.3560 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 26.3358, 22.4420, 21.3560 by changing the saturation by 10% instead.


 26.3358, 22.4420,
21.3560


 26.3358, 22.4420,
21.3560


276.6532,
264.8459, 272.0074


 17.2090, 14.1820,
13.1907


 53.2436, 47.4754,
46.5677

 10.4799, 8.2474,
7.4277


 71.7554, 65.0177,
64.4512

 5.7830, 4.2536,
3.6485

 94.1262, 86.4229,
86.4112

 2.7530, 1.8164,
1.4346

120.7214,
112.0753, 112.8662

 1.0245, 0.4974,
0.1685

151.9063,
142.3595, 144.2348

 0.0000, 0.0000,
0.0000

188.0464,

177.6597, 180.9355

229.5069,
218.3603, 223.3868

■ 26.3358, 22.4420,
21.3560

■ 26.3358, 22.4420,
21.3560

■ 23.6878, 18.5298,
16.2073

■ 29.4892, 27.1318,
27.3921

■ 21.5172, 15.3501,
11.9028

■ 33.1706, 32.6346,
34.3533

■ 19.7959, 12.8583,
8.3977

■ 37.4034, 38.9877,
42.2769


■ 18.4920, 11.0032,
5.6424

■ 42.2091, 46.2250,
51.1976


■ 17.5696, 9.7270,
3.5819


■ 47.6079, 54.3785,
61.1483

 16.9864, 8.9609,
2.1534

 53.6191, 63.4788,
72.1606

 16.6941, 8.5927,
1.3893

 60.2612, 73.5550,
84.2646

 67.5518, 84.6347,
97.4892

 70.3876, 87.2861,
107.7458

Harmonies

Analogous

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



26.2644, 22.4420, 28.5274



26.3358, 22.4420, 21.3560



24.9943, 22.4420, 16.1455

Triad

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



26.3358, 22.4420, 21.3560



18.1956, 22.4420, 15.7797



20.0033, 22.4420, 40.1028

Complementary

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



26.3358, 22.4420, 21.3560



28.2790, 35.1433, 40.4167

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.



18.0434, 22.4420, 35.1659



26.3358, 22.4420, 21.3560



17.0567, 22.4420, 20.7549

Square

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



26.3358, 22.4420, 21.3560



20.2262, 22.4420, 13.3756



17.0032, 22.4420, 27.7977



22.4742, 22.4420, 40.3508

Rectangle

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



26.3358, 22.4420, 21.3560



23.5355, 22.4420, 14.0920



17.0032, 22.4420, 27.7977



19.2676, 22.4420, 38.8988

Sweetspot

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



26.3364, 22.4431, 21.3564



61.3310, 60.9298, 64.4851



28.7498, 23.2548, 41.0036



13.4559, 13.2562, 13.9648



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.



26.3364, 22.4431, 21.3564



44.3612, 35.6569, 32.1106



28.6337, 27.6141, 20.3453



7.5637, 7.5554, 8.0198



12.2914, 6.3253, 1.0801



0.3091, 0.1579, 0.0792

Inverse Universe

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



26.3364, 22.4431, 21.3564



44.3612, 35.6569, 32.1106



25.2540, 28.2061, 42.1436



7.5637, 7.5554, 8.0198



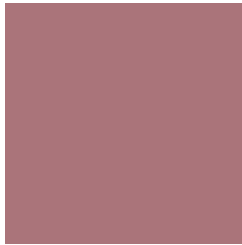
12.2914, 6.3253, 1.0801



0.3091, 0.1579, 0.0792

Previews

White Background



This preview shows how the XYZ color 26.3358, 22.4420, 21.3560 looks on a white background.

Color Contrast Check

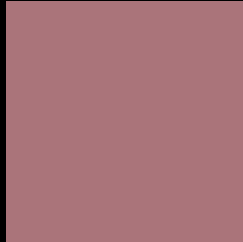
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3358, 22.4420, 21.3560 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 26.3358, 22.4420, 21.3560

Background



This preview shows how black text looks on a background with the XYZ color 26.3358, 22.4420, 21.3560.



This preview shows how white text looks on a background with the XYZ color 26.3358, 22.4420,

21.3560.

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

26.3358, 22.4420, 21.3560

Protanopia

21.6848, 22.5635, 24.3314

Deuteranopia

22.8836, 22.4808, 20.9024



Tritanopia

26.4610, 22.4921, 22.0155

Trichromacy



Original Color

26.3358, 22.4420, 21.3560

Protanomaly

23.0184, 22.3105, 23.1718

Deuteranomaly

23.9283, 22.2681, 21.1262

Tritanomaly

26.3981, 22.4669, 21.6841

Monochromacy



Original Color

26.3358, 22.4420, 21.3560

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.4059, 22.8747, 23.9505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3358, 22.4420, 21.3560 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(170, 116, 122)` looks like.

```
.text, #text, p{  
    color:rgb(170, 116, 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(170, 116, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 116, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.3358, 22.4420, 21.3560 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(170, 116, 122) }
```


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

```
.border{ border-color:rgb(170, 116, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 116, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 116, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 116, 122);  
box-shadow:4px 4px 4px 4px rgb(170, 116,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3358, 22.4420, 21.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 116, 122) }
```

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

```
.background{ background-color: rgb(170,  
116, 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](#).

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