

Converting Colors

XYZ(27.3428, 24.3132, 22.3439)

Have a look what the booklet for
XYZ(27.3428, 24.3132, 22.3439)
contains.

XYZ(27.4233, 24.4166, 22.3363)	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(27.4233, 24.4166,
22.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7C7C
RGB	170, 124, 124
RGB Percent	67%, 49%, 49%
CMY	0.3333, 0.5137, 0.5137
CMYK	0.00, 0.27, 0.27, 0.33
HSL	0°, 21%, 58%
HSV	0°, 27%, 67%
XYZ	27.4233, 24.4166, 22.3363
YIQ	137.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

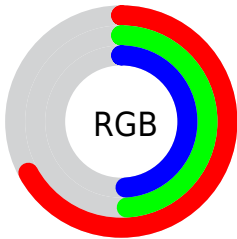
Format	Color
R _Y B	170, 124, 124
Decimal	11172988
CIE Lab	56.50, 17.88, 7.05
CIE LCh	57, 19.221, 21.517
Yxy	24.4166, 0.3697, 0.3292
Android (android.graphics.Color)	4289363068 (0xFFAA7C7C)
YUV	137.7540, -6.7807, 28.2797
Hunter-Lab	49.4132, 12.5909, 7.7883

Details

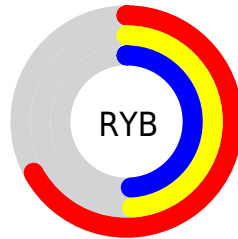
The XYZ color **27.4233, 24.4166, 22.3363** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.9421, 35.9357, 43.3885**, and the grayscale version is **24.0820, 25.3361, 27.5911**.

A 20% lighter version of the original color is **54.9226, 50.7476, 47.9748**, and **11.1222, 9.3221, 7.8697** is the 20% darker color. If you saturate the color by 10%, you get **24.4898, 20.1242, 16.5038**, and if you desaturate by 10%, it is **30.9107, 29.5199, 29.2684**.

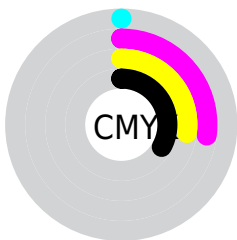
Distribution



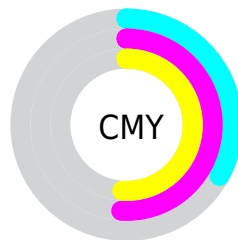
- Red (67%)
- Green (49%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (33%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4233, 24.4166, 22.3363 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 27.4233, 24.4166, 22.3363 by changing the saturation by 10% instead.


 27.4233, 24.4166,
22.3363


 27.4233, 24.4166,
22.3363


281.8312,
274.9200, 277.3081


 18.0296, 15.6429,
13.9035


 54.9775, 50.7092,
48.2105

 11.0711, 9.2718,
7.9156


 73.8687, 68.9969,
66.4890

 6.1823, 4.9189,
3.9540


 96.6565, 91.2248,
88.8865

 2.9980, 2.1998,
1.6001

123.7062,
117.7771, 115.8216

 1.1527, 0.7199,
0.2909

155.3831,
149.0385, 147.7128

 0.0685, 0.0000,
0.0000

192.0527,

 0.0000, 0.0000,

185.3931, 184.9785

0.0000

234.0803,
227.2255, 228.0375

■ 27.4233, 24.4166,
22.3363

■ 27.4233, 24.4166,
22.3363

■ 24.4898, 20.1242,
16.5038

■ 30.9107, 29.5199,
29.2684

■ 22.0799, 16.5978,
11.7130

■ 34.9764, 35.4691,
37.3510

■ 20.1633, 13.7933,
7.9031

■ 39.6457, 42.3014,
46.6334

■ 18.7061, 11.6609,
5.0063

■ 44.9416, 50.0509,
57.1619

■ 17.6697, 10.1443,
2.9463

■ 50.8864, 58.7496,
68.9801

■ 17.0096, 9.1783,
1.6342

■ 57.5007, 68.4281,
82.1296

■ 16.6594, 8.6659,
0.9382

■ 64.8047, 79.1157,
96.6502

■ 16.5777, 8.5463,
0.7759

■ 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.



27.7055, 24.4166, 28.4360



27.4233, 24.4166, 22.3363



25.9753, 24.4166, 18.0946

Triad

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



27.4233, 24.4166, 22.3363



20.0140, 24.4166, 19.6609



22.5813, 24.4166, 40.6535

Complementary

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



27.4233, 24.4166, 22.3363



29.9421, 35.9357, 43.3885

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.



20.6432, 24.4166, 37.3875



27.4233, 24.4166, 22.3363



19.2243, 24.4166, 24.8172

Square

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



27.4233, 24.4166, 22.3363



21.6718, 24.4166, 16.7306



19.4471, 24.4166, 31.3421



24.8136, 24.4166, 39.7046

Rectangle

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



27.4233, 24.4166, 22.3363



24.5914, 24.4166, 16.5680



19.4471, 24.4166, 31.3421



21.8760, 24.4166, 39.9955

Sweetspot

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



27.4240, 24.4177, 22.3368



62.6070, 63.1053, 66.0717



31.0411, 25.8639, 41.3865



13.7074, 13.7007, 14.2288



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.



27.4240, 24.4177, 22.3368



46.6973, 39.8249, 34.4435



30.6496, 30.8689, 23.4120



7.5312, 7.5424, 7.8482



12.1948, 6.2868, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



29.9421, 35.9357, 43.3885



51.9809, 63.9917, 78.6138



26.0018, 28.0551, 42.0750



7.7475, 8.5320, 9.6568



15.9099, 23.2799, 31.6304



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 27.4233, 24.4166, 22.3363 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 27.4233, 24.4166, 22.3363 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 27.4233, 24.4166, 22.3363

Background



This preview shows how black text looks on a background with the XYZ color 27.4233, 24.4166, 22.3363.



This preview shows how white text looks on a background with the XYZ color 27.4233, 24.4166,

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

27.4233, 24.4166, 22.3363

Protanopia

23.5085, 24.5151, 24.6120

Deuteranopia

25.0179, 24.5327, 22.1556



Tritanopia

28.0424, 24.4898, 25.0788

Trichromacy



Original Color

27.4233, 24.4166, 22.3363

Protanomaly

24.7751, 24.3704, 23.8202

Deuteranomaly

25.7915, 24.3420, 22.0780

Tritanomaly

27.8400, 24.4088, 24.0129

Monochromacy



Original Color

27.4233, 24.4166, 22.3363

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1988, 24.9525, 25.6785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4233, 24.4166, 22.3363 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, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(170, 124, 124)  
}
```

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, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 27.4233, 24.4166, 22.3363 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, 124, 124) }
```


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

```
.border{ border-color:rgb(170, 124, 124) }
```

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

Here you see how a box with a 4 pixel rgb(170, 124, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(170, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4233, 24.4166, 22.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 124, 124) }
```

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

```
.background{ background-color: rgb(170,  
124, 124) }
```

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