

Converting Colors

XYZ(26.9919, 22.5087, 22.8582)

Have a look what the booklet for
XYZ(26.9919, 22.5087, 22.8582)
contains.

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Color

**XYZ(26.9748, 22.5644,
23.0123)**

Conversions

Conversions Part 1

Format	Color
Hex	AC737F
RGB	172, 115, 127
RGB Percent	67%, 45%, 50%
CMY	0.3255, 0.5490, 0.5020
CMYK	0.00, 0.33, 0.26, 0.33
HSL	347°, 26%, 56%
HSV	347°, 33%, 67%
XYZ	26.9748, 22.5644, 23.0123
YIQ	133.4110, 30.1200, 15.8160

Conversions

Conversions Part 2

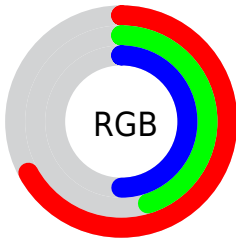
Format	Color
R_{YB}	172, 115, 127
Decimal	11301759
CIE _{Lab}	54.62, 24.18, 2.63
CIE _{LCh}	55, 24.324, 6.201
Yxy	22.5644, 0.3718, 0.3110
Android (android.graphics.Color)	4289491839 (0xFFAC737F)
YUV	133.4110, -3.1606, 33.8426
Hunter-Lab	47.5020, 18.2357, 4.5284

Details

The XYZ color **26.9748, 22.5644, 23.0123** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.1689, 35.6886, 38.6635**, and the grayscale version is **22.4482, 23.6172, 25.7192**.

A 20% lighter version of the original color is **54.2358, 47.7945, 49.5467**, and **10.7946, 8.2980, 8.2405** is the 20% darker color. If you saturate the color by 10%, you get **24.3672, 18.6712, 18.0670**, and if you desaturate by 10%, it is **30.0689, 27.2393, 28.7089**.

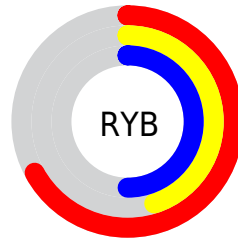
Distribution



Red (67%)

Green (45%)

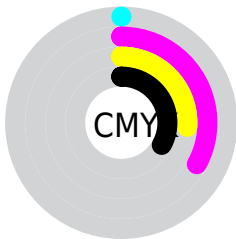
Blue (50%)



Red (67%)

Yellow (45%)

Blue (50%)

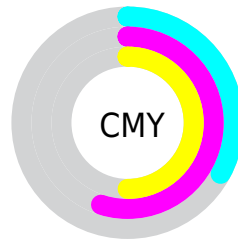


Cyan (0%)

Magenta (33%)

Yellow (26%)

Black (33%)



Cyan (33%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9748, 22.5644, 23.0123 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 26.9748, 22.5644, 23.0123 by changing the saturation by 10% instead.

 26.9748, 22.5644,
23.0123


 26.9748, 22.5644,
23.0123


279.7049,
265.4797, 280.9121


 17.6908, 14.2722,
14.3972


 54.2636, 47.6771,
49.3370


 10.8266, 8.3102,
8.2555


 72.9991, 65.2663,
67.8836

 6.0168, 4.2941,
4.1688


 95.6158, 86.7234,
90.5779

 2.8960, 1.8394,
1.7184

 122.4791,
112.4327, 117.8383

 1.0990, 0.5116,
0.3733

153.9543,
142.7786, 150.0834

 0.0243, 0.0000,
0.0000

190.4067,

 0.0000, 0.0000,

178.1454, 187.7317

0.0000

232.2018,
218.9177, 231.2018

■ 26.9748, 22.5644,
23.0123

■ 26.9748, 22.5644,
23.0123

■ 24.3672, 18.6712,
18.0670

■ 30.0689, 27.2393,
28.7089

■ 22.2191, 15.5139,
13.8398

■ 33.6710, 32.7322,
35.1852

■ 20.5036, 13.0468,
10.2970

■ 37.8034, 39.0809,
42.4699


■ 19.1904, 11.2175,
7.4019

■ 42.4866, 46.3198,
50.5897


■ 18.2449, 9.9665,
5.1136


■ 47.7401, 54.4817,
59.5702

 17.6263, 9.2224,
3.3868

 53.5821, 63.5974,
69.4357

 17.3349, 8.8993,
2.4894

 60.0305, 73.6964,
80.2098

 67.1019, 84.8071,
91.9150

 69.9065, 87.1440,
102.9376

Harmonies

Analogous

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



26.5032, 22.5644, 31.0022



26.9748, 22.5644, 23.0123



25.8688, 22.5644, 16.8580

Triad

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



26.9748, 22.5644, 23.0123



18.5513, 22.5644, 14.4995



19.4383, 22.5644, 40.6537

Complementary

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



26.9748, 22.5644, 23.0123



28.1689, 35.6886, 38.6635

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.



17.5598, 22.5644, 34.3318



26.9748, 22.5644, 23.0123



17.0782, 22.5644, 19.0933

Square

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



26.9748, 22.5644, 23.0123



20.8962, 22.5644, 12.6453



16.7308, 22.5644, 26.1939



22.0070, 22.5644, 42.3066

Rectangle

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



26.9748, 22.5644, 23.0123



24.4358, 22.5644, 14.2518



16.7308, 22.5644, 26.1939



18.7120, 22.5644, 38.9483

Sweetspot

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



26.9754, 22.5655, 23.0128



63.1995, 62.6231, 67.5851



28.0053, 22.6787, 41.9314



13.5214, 13.2824, 14.3099



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.



26.9754, 22.5655, 23.0128



45.2723, 35.4565, 34.8259



28.2450, 26.2824, 19.8052



8.0717, 8.0419, 8.6882



12.9169, 6.6293, 1.9417



0.3787, 0.1922, 0.1558

Inverse Universe

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



26.9754, 22.5655, 23.0128



45.2723, 35.4565, 34.8259



26.3808, 30.3509, 43.4979



8.0717, 8.0419, 8.6882



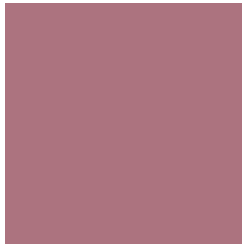
12.9169, 6.6293, 1.9417



0.3787, 0.1922, 0.1558

Previews

White Background



This preview shows how the XYZ color 26.9748, 22.5644, 23.0123 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 26.9748, 22.5644, 23.0123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

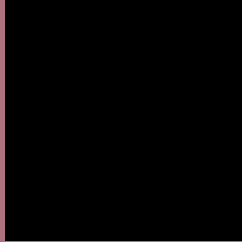
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9748, 22.5644, 23.0123

Background



This preview shows how black text looks on a background with the XYZ color 26.9748, 22.5644, 23.0123.



This preview shows how white text looks on a background with the XYZ color 26.9748, 22.5644,

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

26.9748, 22.5644, 23.0123

Protanopia

21.9423, 22.6484, 26.5076

Deuteranopia

23.1451, 22.7704, 22.5773



Tritanopia

26.7821, 22.4874, 21.9977

Trichromacy



Original Color

26.9748, 22.5644, 23.0123

Protanomaly

23.5999, 22.5637, 25.3017

Deuteranomaly

24.3664, 22.6408, 22.8245

Tritanomaly

26.8457, 22.5128, 22.3325

Monochromacy



Original Color

26.9748, 22.5644, 23.0123

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.5902, 22.7634, 24.6232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9748, 22.5644, 23.0123 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(172, 115, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 115, 127) }
```

Border

The CSS property to change the border of an element to XYZ 26.9748, 22.5644, 23.0123 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, 127) }
```


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

```
.border{ border-color:rgb(172, 115, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 115, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 115, 127);  
box-shadow:4px 4px 4px 4px rgb(172, 115,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9748, 22.5644, 23.0123 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, 127) }
```

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

```
.background{ background-color: rgb(172,  
115, 127) }
```

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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