

Converting Colors

XYZ(26.7474, 22.6937, 27.3967)

Have a look what the booklet for
XYZ(26.7474, 22.6937, 27.3967)
contains.

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Color

**XYZ(26.7474, 22.6937,
27.3967)**

Conversions

Conversions Part 1

Format	Color
Hex	A6758B
RGB	166, 117, 139
RGB Percent	65%, 46%, 55%
CMY	0.3490, 0.5412, 0.4549
CMYK	0.00, 0.30, 0.16, 0.35
HSL	333°, 22%, 55%
HSV	333°, 30%, 65%
XYZ	26.7474, 22.6937, 27.3967
YIQ	134.1590, 22.1420, 17.2300

Conversions

Conversions Part 2

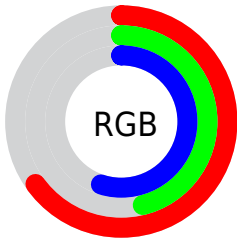
Format	Color
R _Y B	166, 117, 139
Decimal	10909067
CIE Lab	54.76, 22.68, -4.27
CIE LCh	55, 23.074, 349.333
Yxy	22.6937, 0.3481, 0.2953
Android (android.graphics.Color)	4289099147 (0xFFA6758B)
YUV	134.1590, 2.3866, 27.9246
Hunter-Lab	47.6379, 16.8566, -0.7513

Details

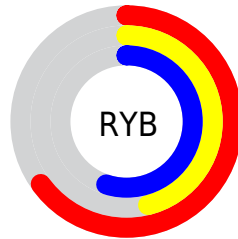
The XYZ color **26.7474, 22.6937, 27.3967** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.0074, 33.0686, 31.3993**, and the grayscale version is **22.7048, 23.8873, 26.0132**.

A 20% lighter version of the original color is **54.0134, 48.0848, 56.3037**, and **10.6803, 8.3662, 10.5031** is the 20% darker color. If you saturate the color by 10%, you get **24.3415, 18.9069, 23.4340**, and if you desaturate by 10%, it is **29.5536, 27.1909, 31.7693**.

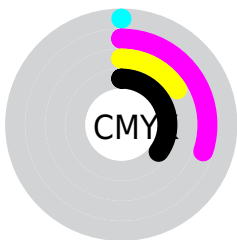
Distribution



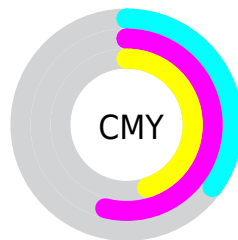
- Red (65%)
- Green (46%)
- Blue (55%)



- Red (65%)
- Yellow (46%)
- Blue (55%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (35%)





- Cyan (35%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7474, 22.6937, 27.3967 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 26.7474, 22.6937, 27.3967 by changing the saturation by 10% instead.


 26.7474, 22.6937,
27.3967


 26.7474, 22.6937,
27.3967


278.6219,
266.1479, 303.3935


 17.5192, 14.3675,
17.6363


 53.9010, 47.8899,
56.5312

 10.7030, 8.3767,
10.5225


 72.5571, 65.5287,
76.7425

 5.9333, 4.3369,
5.6366

 95.0866, 87.0404,
101.2744

 2.8448, 1.8638,
2.5602

121.8548,
112.8096, 130.5456

 1.0722, 0.5265,
0.8718

153.2271,
143.2205, 164.9745

 0.0017, 0.0000,
0.0000

189.5688,

 0.0000, 0.0000,

178.6576, 204.9798

0.0000

231.2453,
219.5052, 250.9800

■ 26.7474, 22.6937,
27.3967

■ 26.7474, 22.6937,
27.3967

■ 24.3415, 18.9069,
23.4340

■ 29.5536, 27.1909,
31.7693

■ 22.3143, 15.7906,
19.8665

■ 32.7761, 32.4295,
36.5630

■ 20.6454, 13.3057,
16.6807

■ 36.4326, 38.4424,
41.7900

■ 19.3113, 11.4077,
13.8615

■ 40.5391, 45.2596,
47.4618

■ 18.2856, 10.0463,
11.3925

■ 45.1107, 52.9095,
53.5894

■ 17.5375, 9.1625,
9.2554

■ 50.1619, 61.4191,
60.1833

■ 17.0036, 8.6321,
7.4208

■ 55.7064, 70.8143,
67.2535

■ 16.9798, 8.6086,
7.3383

■ 61.7575, 81.1196,
74.8101

■ 64.5810, 84.8651,
81.6135

Harmonies

Analogous

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



25.5004, 22.6937, 35.0189



26.7474, 22.6937, 27.3967



26.5270, 22.6937, 20.3523

Triad

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



26.7474, 22.6937, 27.3967



19.9891, 22.6937, 13.7001



18.5341, 22.6937, 36.9435

Complementary

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



26.7474, 22.6937, 27.3967



26.0074, 33.0686, 31.3993

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.



17.2720, 22.6937, 29.6482



26.7474, 22.6937, 27.3967



18.0652, 22.6937, 16.6526

Square

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



26.7474, 22.6937, 27.3967



22.4886, 22.6937, 13.3333



17.1074, 22.6937, 22.2042



20.6761, 22.6937, 41.2082

Rectangle

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



26.7474, 22.6937, 27.3967



25.5823, 22.6937, 16.8455



17.1074, 22.6937, 22.2042



18.0002, 22.6937, 34.7046

Sweetspot

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



26.7481, 22.6947, 27.3972



59.7030, 59.2124, 66.6751



24.7380, 21.4018, 38.9038



13.1646, 12.9305, 14.6349



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.7481, 22.6947, 27.3972



45.7818, 36.8230, 45.2240



25.5881, 22.6935, 19.8626



7.6658, 7.5962, 8.5576



13.1898, 6.6846, 5.8112



0.3469, 0.1730, 0.2781

Inverse Universe

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



26.7481, 22.6947, 27.3972



45.7818, 36.8230, 45.2240



27.4149, 32.9258, 40.9870



7.6658, 7.5962, 8.5576



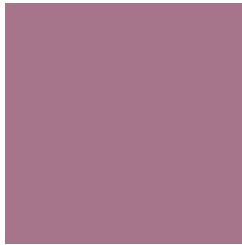
13.1898, 6.6846, 5.8112



0.3469, 0.1730, 0.2781

Previews

White Background



This preview shows how the XYZ color 26.7474, 22.6937, 27.3967 looks on a white background.

Color Contrast Check

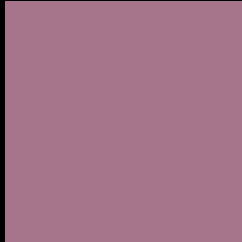
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7474, 22.6937, 27.3967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

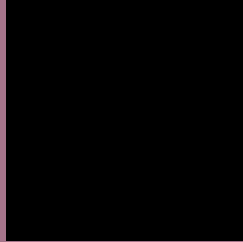
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7474, 22.6937, 27.3967

Background



This preview shows how black text looks on a background with the XYZ color 26.7474, 22.6937, 27.3967.



This preview shows how white text looks on a background with the XYZ color 26.7474, 22.6937,

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

26.7474, 22.6937, 27.3967

Protanopia

22.3024, 22.7390, 30.8174

Deuteranopia

23.0892, 22.6476, 26.8214



Tritanopia

26.0102, 22.7515, 23.4427

Trichromacy



Original Color

26.7474, 22.6937, 27.3967

Protanomaly

23.5230, 22.4316, 29.4755

Deuteranomaly

24.2481, 22.4849, 27.1068

Tritanomaly

26.1603, 22.6221, 24.8175

Monochromacy



Original Color

26.7474, 22.6937, 27.3967

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.0172, 23.3269, 26.5293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7474, 22.6937, 27.3967 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(166, 117, 139)` looks like.

```
.text, #text, p{  
    color:rgb(166, 117, 139)  
}
```

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(166, 117, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 117, 139) }
```

Border

The CSS property to change the border of an element to XYZ 26.7474, 22.6937, 27.3967 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(166, 117, 139) }
```


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

```
.border{ border-color:rgb(166, 117, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 117, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 117, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 117, 139);  
box-shadow:4px 4px 4px 4px rgb(166, 117,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7474, 22.6937, 27.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 117, 139) }
```

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

```
.background{ background-color: rgb(166,  
117, 139) }
```

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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