

Converting Colors

XYZ(26.0149, 21.0667, 26.6605)

Have a look what the booklet for
XYZ(26.0149, 21.0667, 26.6605)
contains.

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Color

**XYZ(25.9924, 20.9877,
26.7258)**

Conversions

Conversions Part 1

Format	Color
Hex	A76D8A
RGB	167, 109, 138
RGB Percent	65%, 43%, 54%
CMY	0.3451, 0.5725, 0.4588
CMYK	0.00, 0.35, 0.17, 0.35
HSL	330°, 25%, 54%
HSV	330°, 35%, 65%
XYZ	25.9924, 20.9877, 26.7258
YIQ	129.6480, 25.2590, 21.3150

Conversions

Conversions Part 2

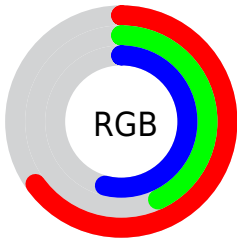
Format	Color
R_{YB}	167, 109, 138
Decimal	10972554
CIE _{Lab}	52.94, 27.41, -6.37
CIE _{LCh}	53, 28.135, 346.918
Yxy	20.9877, 0.3527, 0.2847
Android (android.graphics.Color)	4289162634 (0xFFA76D8A)
YUV	129.6480, 4.1175, 32.7577
Hunter-Lab	45.8123, 21.1034, -2.5197

Details

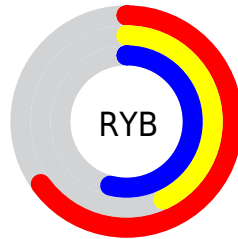
The XYZ color **25.9924, 20.9877, 26.7258** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.7137, 32.7242, 29.0601**, and the grayscale version is **21.0741, 22.1715, 24.1448**.

A 20% lighter version of the original color is **52.5803, 44.9393, 55.1931**, and **10.3167, 7.5137, 10.1391** is the 20% darker color. If you saturate the color by 10%, you get **23.7958, 17.5249, 23.1246**, and if you desaturate by 10%, it is **28.5752, 25.1479, 30.6855**.

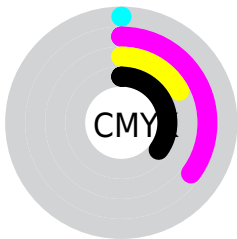
Distribution



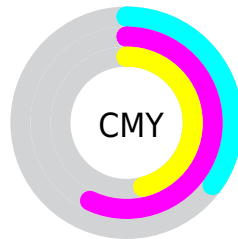
- Red (65%)
- Green (43%)
- Blue (54%)



- Red (65%)
- Yellow (43%)
- Blue (54%)



- Cyan (0%)
- Magenta (35%)
- Yellow (17%)
- Black (35%)





- Cyan (35%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9924, 20.9877, 26.7258 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 25.9924, 20.9877, 26.7258 by changing the saturation by 10% instead.


 25.9924, 20.9877,
26.7258


 25.9924, 20.9877,
26.7258


275.0022,
257.2131, 300.0451


 16.9506, 13.1150,
17.1368


 52.6941, 45.0671,
55.4419


 10.2944, 7.5078,
10.1691


 71.0847, 62.0425,
75.4061

 5.6583, 3.7816,
5.4041


 93.3222, 82.8210,
99.6658

 2.6771, 1.5522,
2.4234

 119.7721,
107.7870, 128.6395

 0.9854, 0.3250,
0.7992

150.7997,
137.3248, 162.7457

 0.0000, 0.0000,
0.0000

186.7703,

171.8188, 202.4030

228.0494,
211.6535, 248.0300

■ 25.9924, 20.9877,
26.7258

■ 25.9924, 20.9877,
26.7258

■ 23.7958, 17.5249,
23.1246

■ 28.5752, 25.1479,
30.6855

■ 21.9633, 14.7179,
19.8689

■ 31.5611, 30.0386,
35.0137

■ 20.4733, 12.5247,
16.9462

■ 34.9680, 35.6939,
39.7214

■ 19.3009, 10.8977,
14.3429

■ 38.8126, 42.1451,
44.8188

■ 18.4177, 9.7816,
12.0436

■ 43.1101, 49.4219,
50.3155

■ 17.7892, 9.1095,
10.0310

■ 47.8754, 57.5521,
56.2209

■ 17.5170, 8.8478,
9.0688

■ 53.1224, 66.5625,
62.5440

■ 58.8646, 76.4785,
69.2933

■ 63.7264, 84.5475,
76.0146

Harmonies

Analogous

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



24.3797, 20.9877, 35.8260



25.9924, 20.9877, 26.7258



25.8755, 20.9877, 18.4474

Triad

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



25.9924, 20.9877, 26.7258



18.3443, 20.9877, 10.5766



16.3226, 20.9877, 36.8724

Complementary

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



25.9924, 20.9877, 26.7258



24.7137, 32.7242, 29.0601

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.



15.0031, 20.9877, 27.9073



25.9924, 20.9877, 26.7258



16.0891, 20.9877, 13.4628

Square

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



25.9924, 20.9877, 26.7258



21.2585, 20.9877, 10.4093



14.9221, 20.9877, 19.3719



18.6928, 20.9877, 42.5844

Rectangle

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



25.9924, 20.9877, 26.7258



24.8302, 20.9877, 14.4244



14.9221, 20.9877, 19.3719



15.7521, 20.9877, 34.0518

Sweetspot

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



25.9930, 20.9887, 26.7262



59.2028, 58.2292, 66.4555



22.9258, 19.1316, 39.0439



13.0666, 12.7291, 14.6188



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.



25.9930, 20.9887, 26.7262



43.3381, 32.5114, 42.6342



24.1661, 20.2579, 17.1056



7.6817, 7.6025, 8.6408



13.4289, 6.7803, 7.0699



0.3526, 0.1753, 0.3081

Inverse Universe

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



25.9930, 20.9887, 26.7262



43.3381, 32.5114, 42.6342



27.1011, 33.6791, 41.6318



7.6817, 7.6025, 8.6408



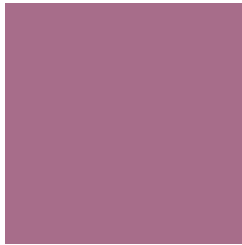
13.4289, 6.7803, 7.0699



0.3526, 0.1753, 0.3081

Previews

White Background



This preview shows how the XYZ color 25.9924, 20.9877, 26.7258 looks on a white background.

Color Contrast Check

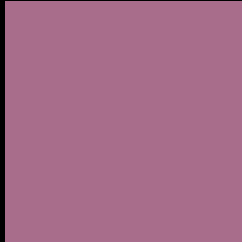
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9924, 20.9877, 26.7258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

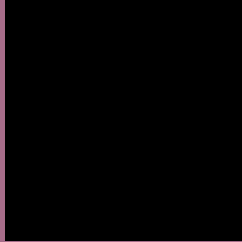
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9924, 20.9877, 26.7258

Background



This preview shows how black text looks on a background with the XYZ color 25.9924, 20.9877, 26.7258.



This preview shows how white text looks on a background with the XYZ color 25.9924, 20.9877,

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

25.9924, 20.9877, 26.7258

Protanopia

20.9117, 21.2292, 31.4293

Deuteranopia

21.4478, 21.0661, 25.8574



Tritanopia

24.7624, 20.9681, 20.8313

Trichromacy



Original Color

25.9924, 20.9877, 26.7258

Protanomaly

22.3085, 20.8805, 29.6426

Deuteranomaly

22.9550, 20.9375, 26.1240

Tritanomaly

25.2411, 21.0082, 22.8033

Monochromacy



Original Color

25.9924, 20.9877, 26.7258

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.5209, 21.4522, 25.1440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9924, 20.9877, 26.7258 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(167, 109, 138)` looks like.

```
.text, #text, p{  
    color:rgb(167, 109, 138)  
}
```

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(167, 109, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 109, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.9924, 20.9877, 26.7258 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(167, 109, 138) }
```


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

```
.border{ border-color:rgb(167, 109, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 109, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 109, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 109, 138); box-shadow:4px 4px 4px 4px rgb(167, 109, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9924, 20.9877, 26.7258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 109, 138) }
```

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

```
.background{ background-color: rgb(167,  
109, 138) }
```

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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