

Converting Colors

XYZ(26.6773, 21.2895, 25.8814)

Have a look what the booklet for
XYZ(26.6773, 21.2895, 25.8814)
contains.

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Color

**XYZ(26.7072, 21.3728,
26.0103)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6D88
RGB	171, 109, 136
RGB Percent	67%, 43%, 53%
CMY	0.3294, 0.5725, 0.4667
CMYK	0.00, 0.36, 0.20, 0.33
HSL	334°, 27%, 55%
HSV	334°, 36%, 67%
XYZ	26.7072, 21.3728, 26.0103
YIQ	130.6160, 28.2850, 21.5410

Conversions

Conversions Part 2

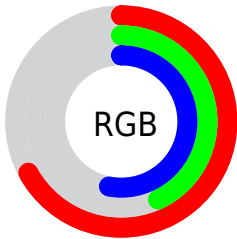
Format	Color
R _Y B	171, 109, 136
Decimal	11234696
CIE Lab	53.36, 28.55, -4.52
CIE LCh	53, 28.902, 351.006
Yxy	21.3728, 0.3605, 0.2885
Android (android.graphics.Color)	4289424776 (0xFFAB6D88)
YUV	130.6160, 2.6543, 35.4168
Hunter-Lab	46.2307, 22.2146, -0.9962

Details

The XYZ color **26.7072, 21.3728, 26.0103** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.9046, 34.3913, 31.6601**, and the grayscale version is **21.4209, 22.5365, 24.5422**.

A 20% lighter version of the original color is **53.6087, 45.4948, 54.1000**, and **10.6317, 7.6855, 9.7272** is the 20% darker color. If you saturate the color by 10%, you get **24.4019, 17.8111, 22.0080**, and if you desaturate by 10%, it is **29.4304, 25.6710, 30.4573**.

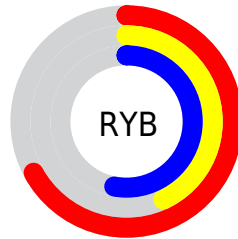
Distribution



Red (67%)

Green (43%)

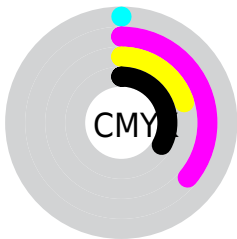
Blue (53%)



Red (67%)

Yellow (43%)

Blue (53%)

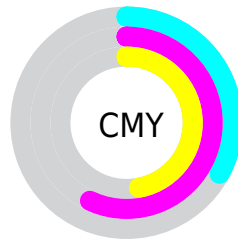


Cyan (0%)

Magenta (36%)

Yellow (20%)

Black (33%)



Cyan (33%)


Magenta (57%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7072, 21.3728, 26.0103 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 26.7072, 21.3728, 26.0103 by changing the saturation by 10% instead.


 26.7072, 21.3728,
26.0103


 26.7072, 21.3728,
26.0103


278.4301,
259.2531, 296.4397


 17.4889, 13.3968,
16.6055


 53.8369, 45.7072,
54.2759


 10.6811, 7.7023,
9.7947


 72.4789, 62.8343,
73.9737

 5.9185, 3.9051,
5.1592

 94.9930, 83.7806,
97.9396

 2.8358, 1.6206,
2.2806

 121.7443,
108.9304, 126.5922

 1.0675, 0.3714,
0.7203

153.0984,
138.6682, 160.3500

 0.0000, 0.0000,
0.0000

189.4204,

173.3783, 199.6314

231.0759,
213.4451, 244.8552

■ 26.7072, 21.3728,
26.0103

■ 26.7072, 21.3728,
26.0103

■ 24.4019, 17.8111,
22.0080

■ 29.4304, 25.6710,
30.4573

■ 22.4904, 14.9408,
18.4337

■ 32.5902, 30.7413,
35.3623

■ 20.9488, 12.7167,
15.2712


■ 36.2065, 36.6206,
40.7395


■ 19.7497, 11.0869,
12.5028

■ 40.2971, 43.3424,
46.6020


■ 18.8616, 9.9911,
10.1087


■ 44.8791, 50.9386,
52.9626


 18.2422, 9.3482,
8.0653

 49.9685, 59.4392,
59.8333

 18.0464, 9.1587,
7.3772

 55.5809, 68.8728,
67.2257

 61.7308, 79.2667,
75.1512

 65.8585, 85.4995,
82.7627

Harmonies

Analogous

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



25.2463, 21.3728, 35.5861



26.7072, 21.3728, 26.0103



26.3261, 21.3728, 17.7315

Triad

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



26.7072, 21.3728, 26.0103



18.2745, 21.3728, 10.8056



16.8277, 21.3728, 39.0042

Complementary

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



26.7072, 21.3728, 26.0103



25.9046, 34.3913, 31.6601

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.



15.2953, 21.3728, 29.8594



26.7072, 21.3728, 26.0103



16.0703, 21.3728, 14.1864

Square

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



26.7072, 21.3728, 26.0103



21.2493, 21.3728, 10.2668



15.0327, 21.3728, 20.7318



19.4069, 21.3728, 44.2337

Rectangle

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



26.7072, 21.3728, 26.0103



25.0929, 21.3728, 13.8626



15.0327, 21.3728, 20.7318



16.1844, 21.3728, 36.1919

Sweetspot

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



26.7078, 21.3738, 26.0107



61.5402, 60.1992, 68.0977



24.1653, 19.7273, 41.0625



13.5362, 13.1200, 14.9065



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.



26.7078, 21.3738, 26.0107



44.2668, 32.7609, 40.4248



25.3609, 21.3736, 17.2581



8.1446, 8.0711, 9.0725



13.6297, 6.9144, 5.6957



0.4070, 0.2035, 0.3048

Inverse Universe

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



26.7078, 21.3738, 26.0107



44.2668, 32.7609, 40.4248



27.6423, 34.1604, 43.6651



8.1446, 8.0711, 9.0725



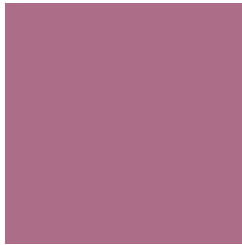
13.6297, 6.9144, 5.6957



0.4070, 0.2035, 0.3048

Previews

White Background



This preview shows how the XYZ color 26.7072, 21.3728, 26.0103 looks on a white background.

Color Contrast Check

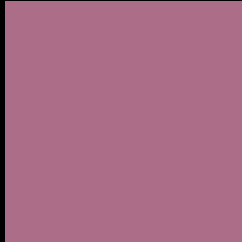
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7072, 21.3728, 26.0103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

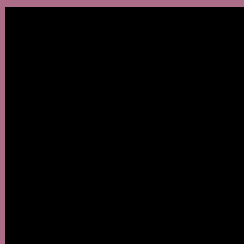
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7072, 21.3728, 26.0103

Background



This preview shows how black text looks on a background with the XYZ color 26.7072, 21.3728, 26.0103.



This preview shows how white text looks on a background with the XYZ color 26.7072, 21.3728,

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

26.7072, 21.3728, 26.0103

Protanopia

21.1680, 21.5704, 30.6516

Deuteranopia

21.9225, 21.5120, 25.1871



Tritanopia

25.5465, 21.3794, 20.5495

Trichromacy



Original Color

26.7072, 21.3728, 26.0103

Protanomaly

22.6589, 21.0788, 28.8610

Deuteranomaly

23.4776, 21.3989, 25.4473

Tritanomaly

26.0279, 21.4213, 22.5016

Monochromacy



Original Color

26.7072, 21.3728, 26.0103

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.1707, 21.9704, 25.2098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7072, 21.3728, 26.0103 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(171, 109, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 109, 136)  
}
```

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(171, 109, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 109, 136) }
```

Border

The CSS property to change the border of an element to XYZ 26.7072, 21.3728, 26.0103 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(171, 109, 136) }
```


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

```
.border{ border-color:rgb(171, 109, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 109, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 109, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 109, 136);  
box-shadow:4px 4px 4px 4px rgb(171, 109,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7072, 21.3728, 26.0103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 109, 136) }
```

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

```
.background{ background-color: rgb(171,  
109, 136) }
```

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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