

Converting Colors

XYZ(27.5901, 21.7449, 26.3396)

Have a look what the booklet for
XYZ(27.5901, 21.7449, 26.3396)
contains.

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Color

**XYZ(27.6632, 21.8574,
26.4278)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6D89
RGB	175, 109, 137
RGB Percent	69%, 43%, 54%
CMY	0.3137, 0.5725, 0.4627
CMYK	0.00, 0.38, 0.22, 0.31
HSL	335°, 29%, 56%
HSV	335°, 38%, 69%
XYZ	27.6632, 21.8574, 26.4278
YIQ	131.9260, 30.3480, 22.7000

Conversions

Conversions Part 2

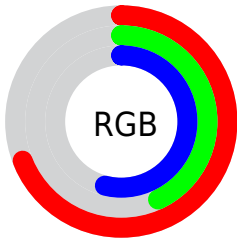
Format	Color
R_{YB}	175, 109, 137
Decimal	11496841
CIE _{Lab}	53.88, 30.17, -4.28
CIE _{LCh}	54, 30.469, 351.921
Yxy	21.8574, 0.3642, 0.2878
Android (android.graphics.Color)	4289686921 (0xFFAF6D89)
YUV	131.9260, 2.5015, 37.7759
Hunter-Lab	46.7519, 23.8030, -0.7890

Details

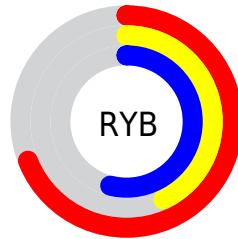
The XYZ color **27.6632, 21.8574, 26.4278** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.9041, 36.0183, 33.1398**, and the grayscale version is **21.8897, 23.0296, 25.0793**.

A 20% lighter version of the original color is **55.4933, 46.7142, 54.8071**, and **11.2213, 7.9848, 9.9666** is the 20% darker color. If you saturate the color by 10%, you get **25.2895, 18.2131, 22.2354**, and if you desaturate by 10%, it is **30.4773, 26.2741, 31.1006**.

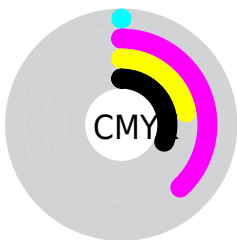
Distribution



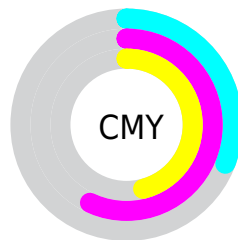
- Red (69%)
- Green (43%)
- Blue (54%)



- Red (69%)
- Yellow (43%)
- Blue (54%)



- Cyan (0%)
- Magenta (38%)
- Yellow (22%)
- Black (31%)





- Cyan (31%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6632, 21.8574, 26.4278 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 27.6632, 21.8574, 26.4278 by changing the saturation by 10% instead.

 27.6632, 21.8574,
26.4278


 27.6632, 21.8574,
26.4278


282.9634,
261.8007, 298.5479


 18.2111, 13.7522,
16.9153


 55.3587, 46.5102,
54.9568


 11.2022, 7.9485,
10.0128


 74.3328, 63.8265,
74.8104

 6.2713, 4.0620,
5.3017


 97.2115, 84.9820,
98.9482

 3.0530, 1.7083,
2.3636

 124.3604,
110.3611, 127.7886

 1.1818, 0.4290,
0.7665

156.1446,
140.3481, 161.7503

 0.0920, 0.0000,
0.0000

192.9296,

 0.0000, 0.0000,

175.3274, 201.2517

0.0000

235.0808,
215.6835, 246.7114

■ 27.6632, 21.8574,
26.4278

■ 27.6632, 21.8574,
26.4278

■ 25.2895, 18.2131,
22.2354

■ 30.4773, 26.2741,
31.1006

■ 23.3303, 15.2930,
18.5050

■ 33.7522, 31.5015,
36.2685

■ 21.7599, 13.0482,
15.2187


■ 37.5089, 37.5790,
41.9472


■ 20.5484, 11.4227,
12.3567


■ 41.7667, 44.5427,
48.1514


■ 19.6616, 10.3510,
9.8971


■ 46.5439, 52.4262,
54.8948


 19.0462, 9.7303,
7.8111

 51.8578, 61.2619,
62.1909

 18.9233, 9.6116,
7.3784

 57.7248, 71.0801,
70.0525

 64.1606, 81.9101,
78.4920

 67.3996, 86.2181,
86.2612

Harmonies

Analogous

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



26.1435, 21.8574, 36.7627



27.6632, 21.8574, 26.4278



27.1899, 21.8574, 17.6743

Triad

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



27.6632, 21.8574, 26.4278



18.5088, 21.8574, 10.6706



17.1239, 21.8574, 41.0300

Complementary

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



27.6632, 21.8574, 26.4278



26.9041, 36.0183, 33.1398

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.



15.4575, 21.8574, 31.1967



27.6632, 21.8574, 26.4278



16.1965, 21.8574, 14.3094

Square

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



27.6632, 21.8574, 26.4278



21.6735, 21.8574, 10.0243



15.1368, 21.8574, 21.3506



19.9013, 21.8574, 46.5266

Rectangle

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



27.6632, 21.8574, 26.4278



25.8280, 21.8574, 13.6587



15.1368, 21.8574, 21.3506



16.4278, 21.8574, 38.0161

Sweetspot

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



27.6638, 21.8584, 26.4282



64.7364, 63.3396, 71.4826



25.1327, 20.1813, 43.1284



14.1884, 13.7541, 15.5865



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.6638, 21.8584, 26.4282



46.0555, 33.7777, 41.2095



26.3902, 22.1189, 17.3478



8.1409, 8.0696, 9.0530



13.5810, 6.8950, 5.4391



0.4055, 0.2029, 0.2974

Inverse Universe

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



27.6638, 21.8584, 26.4282



46.0555, 33.7777, 41.2095



28.5327, 35.3219, 45.8716



8.1409, 8.0696, 9.0530



13.5810, 6.8950, 5.4391



0.4055, 0.2029, 0.2974

Previews

White Background



This preview shows how the XYZ color 27.6632, 21.8574, 26.4278 looks on a white background.

Color Contrast Check

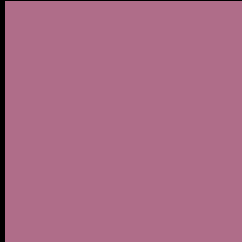
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6632, 21.8574, 26.4278 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 27.6632, 21.8574, 26.4278

Background



This preview shows how black text looks on a background with the XYZ color 27.6632, 21.8574, 26.4278.



This preview shows how white text looks on a background with the XYZ color 27.6632, 21.8574,

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

27.6632, 21.8574, 26.4278

Protanopia

21.7482, 22.0439, 31.5424

Deuteranopia

22.2842, 21.8774, 25.6025



Tritanopia

26.4179, 21.8286, 20.5903

Trichromacy



Original Color

27.6632, 21.8574, 26.4278

Protanomaly

23.4498, 21.6484, 29.7307

Deuteranomaly

23.9189, 21.6183, 25.8338

Tritanomaly

26.9059, 21.8739, 22.5427

Monochromacy



Original Color

27.6632, 21.8574, 26.4278

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.7235, 22.4324, 25.6338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6632, 21.8574, 26.4278 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(175, 109, 137)` looks like.

```
.text, #text, p{  
    color:rgb(175, 109, 137)  
}
```

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(175, 109, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 109, 137) }
```

Border

The CSS property to change the border of an element to XYZ 27.6632, 21.8574, 26.4278 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(175, 109, 137) }
```


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

```
.border{ border-color:rgb(175, 109, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 109, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 109, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 109, 137); box-shadow:4px 4px 4px 4px rgb(175, 109, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6632, 21.8574, 26.4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 109, 137) }
```

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

```
.background{ background-color: rgb(175,  
109, 137) }
```

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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