

Converting Colors

XYZ(26.6515, 21.8030, 25.7076)

Have a look what the booklet for
XYZ(26.6515, 21.8030, 25.7076)
contains.

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Color

**XYZ(26.7449, 21.8837,
25.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7087
RGB	170, 112, 135
RGB Percent	67%, 44%, 53%
CMY	0.3333, 0.5608, 0.4706
CMYK	0.00, 0.34, 0.21, 0.33
HSL	336°, 25%, 55%
HSV	336°, 34%, 67%
XYZ	26.7449, 21.8837, 25.7360
YIQ	131.9640, 27.1850, 19.4490

Conversions

Conversions Part 2

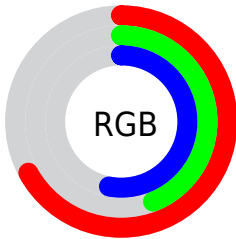
Format	Color
R_{YB}	170, 112, 135
Decimal	11169927
CIE _{Lab}	53.90, 26.34, -3.14
CIE _{LCh}	54, 26.524, 353.211
Yxy	21.8837, 0.3596, 0.2943
Android (android.graphics.Color)	4289360007 (0xFFAA7087)
YUV	131.9640, 1.4967, 33.3576
Hunter-Lab	46.7800, 20.1863, 0.1277

Details

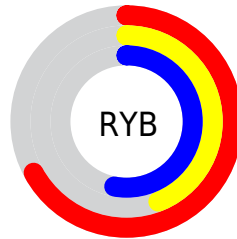
The XYZ color **26.7449, 21.8837, 25.7360** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.3242, 34.3013, 32.8389**, and the grayscale version is **21.9077, 23.0486, 25.0999**.

A 20% lighter version of the original color is **53.7166, 46.3505, 53.6923**, and **10.7533, 7.9928, 9.5703** is the 20% darker color. If you saturate the color by 10%, you get **24.3554, 18.2054, 21.5458**, and if you desaturate by 10%, it is **29.5594, 26.3002, 30.4118**.

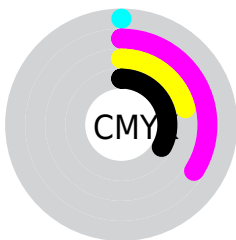
Distribution



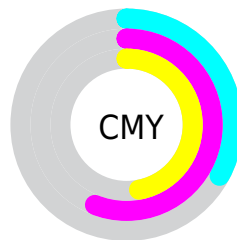
- Red (67%)
- Green (44%)
- Blue (53%)



- Red (67%)
- Yellow (44%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (33%)





- Cyan (33%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7449, 21.8837, 25.7360 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 26.7449, 21.8837, 25.7360 by changing the saturation by 10% instead.


 26.7449, 21.8837,
25.7360


 26.7449, 21.8837,
25.7360


278.6100,
261.9383, 295.0478


 17.5173, 13.7715,
16.4023


 53.8970, 46.5537,
53.8276


 10.7016, 7.9619,
9.6518


 72.5523, 63.8803,
73.4225

 5.9324, 4.0706,
5.0661


 95.0808, 85.0471,
97.2749

 2.8443, 1.7131,
2.2267

 121.8480,
110.4385, 125.8033

 1.0719, 0.4321,
0.6897

153.2191,
140.4389, 159.4263

 0.0014, 0.0000,
0.0000

189.5596,

 0.0000, 0.0000,

175.4328, 198.5623

0.0000

231.2348,
215.8045, 243.6300

■ 26.7449, 21.8837,
25.7360

■ 26.7449, 21.8837,
25.7360

■ 24.3554, 18.2054,
21.5458

■ 29.5594, 26.3002,
30.4118

■ 22.3671, 15.2214,
17.8230

■ 32.8173, 31.4893,
35.5879

■ 20.7566, 12.8881,
14.5498

■ 36.5383, 37.4872,
41.2799

■ 19.4972, 11.1553,
11.7067

■ 40.7401, 44.3266,
47.5026

■ 18.5583, 9.9656,
9.2723

■ 45.4395, 52.0386,
54.2697

■ 17.9036, 9.2502,
7.2228

■ 50.6527, 60.6525,
61.5947

■ 17.6030, 8.9562,
6.1754

■ 56.3948, 70.1966,
69.4904

■ 62.6807, 80.6975,
77.9694

■ 66.2490, 85.6306,
85.9519

Harmonies

Analogous

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



25.5162, 21.8837, 34.5448



26.7449, 21.8837, 25.7360



26.2676, 21.8837, 18.1498

Triad

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



26.7449, 21.8837, 25.7360



18.7091, 21.8837, 12.0967



17.6806, 21.8837, 38.7769

Complementary

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



26.7449, 21.8837, 25.7360



26.3242, 34.3013, 32.8389

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.



16.1489, 21.8837, 30.5810



26.7449, 21.8837, 25.7360



16.7036, 21.8837, 15.5937

Square

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



26.7449, 21.8837, 25.7360



21.4559, 21.8837, 11.3716



15.8083, 21.8837, 22.0160



20.1572, 21.8837, 43.1110

Rectangle

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



26.7449, 21.8837, 25.7360



25.0656, 21.8837, 14.5980



15.8083, 21.8837, 22.0160



17.0477, 21.8837, 36.3033

Sweetspot

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



26.7455, 21.8847, 25.7364



62.0971, 61.2363, 68.5196



25.0475, 20.6764, 40.7011



13.6469, 13.3326, 14.9708



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.



26.7455, 21.8847, 25.7364



45.1512, 34.4978, 40.8178



25.9579, 22.6268, 18.3299



7.6497, 7.5897, 8.4726



12.9749, 6.5987, 4.6793



0.3410, 0.1707, 0.2473

Inverse Universe

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



26.7455, 21.8847, 25.7364



45.1512, 34.4978, 40.8178



27.2498, 32.9702, 42.9580



7.6497, 7.5897, 8.4726



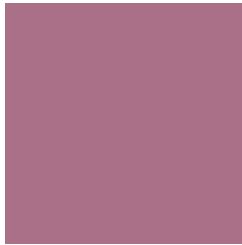
12.9749, 6.5987, 4.6793



0.3410, 0.1707, 0.2473

Previews

White Background



This preview shows how the XYZ color 26.7449, 21.8837, 25.7360 looks on a white background.

Color Contrast Check

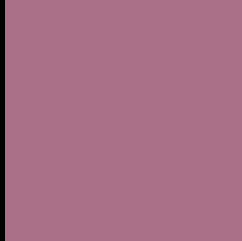
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7449, 21.8837, 25.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

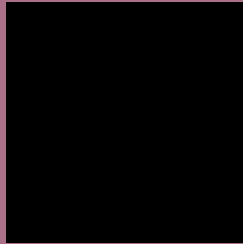
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7449, 21.8837, 25.7360

Background



This preview shows how black text looks on a background with the XYZ color 26.7449, 21.8837, 25.7360.



This preview shows how white text looks on a background with the XYZ color 26.7449, 21.8837,

25.7360.

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

26.7449, 21.8837, 25.7360

Protanopia

21.5824, 21.9947, 29.8960

Deuteranopia

22.3825, 21.9361, 25.2447



Tritanopia

25.9547, 21.8997, 21.5980

Trichromacy



Original Color

26.7449, 21.8837, 25.7360

Protanomaly

23.0949, 21.6818, 28.1671

Deuteranomaly

23.7820, 21.7335, 25.4958

Tritanomaly

26.0981, 21.7776, 22.9066

Monochromacy



Original Color

26.7449, 21.8837, 25.7360

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.4213, 22.4717, 25.2933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7449, 21.8837, 25.7360 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(170, 112, 135)` looks like.

```
.text, #text, p{  
    color:rgb(170, 112, 135)  
}
```

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(170, 112, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 112, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.7449, 21.8837, 25.7360 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(170, 112, 135) }
```


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

```
.border{ border-color:rgb(170, 112, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 112, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 112, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 112, 135);  
box-shadow:4px 4px 4px 4px rgb(170, 112,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7449, 21.8837, 25.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 112, 135) }
```

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

```
.background{ background-color: rgb(170,  
112, 135) }
```

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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