

Converting Colors

XYZ(27.2155, 22.5352, 25.8896)

Have a look what the booklet for
XYZ(27.2155, 22.5352, 25.8896)
contains.

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Color

**XYZ(27.1851, 22.4418,
25.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7287
RGB	171, 114, 135
RGB Percent	67%, 45%, 53%
CMY	0.3294, 0.5529, 0.4706
CMYK	0.00, 0.33, 0.21, 0.33
HSL	338°, 25%, 56%
HSV	338°, 33%, 67%
XYZ	27.1851, 22.4418, 25.8206
YIQ	133.4370, 27.2310, 18.6150

Conversions

Conversions Part 2

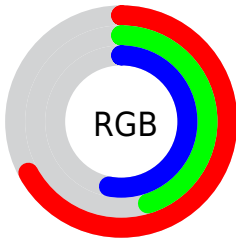
Format	Color
R_{YB}	171, 114, 135
Decimal	11235975
CIE _{Lab}	54.49, 25.59, -2.25
CIE _{LCh}	54, 25.685, 354.964
Yxy	22.4418, 0.3603, 0.2974
Android (android.graphics.Color)	4289426055 (0xFFAB7287)
YUV	133.4370, 0.7706, 32.9428
Hunter-Lab	47.3728, 19.5307, 0.8448

Details

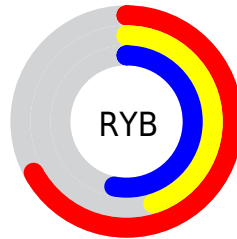
The XYZ color **27.1851, 22.4418, 25.8206** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.0083, 34.9059, 34.1698**, and the grayscale version is **22.4445, 23.6134, 25.7150**.

A 20% lighter version of the original color is **54.5744, 47.5992, 53.8881**, and **10.8661, 8.2184, 9.6079** is the 20% darker color. If you saturate the color by 10%, you get **24.7113, 18.6500, 21.4326**, and if you desaturate by 10%, it is **30.0979, 26.9877, 30.7361**.

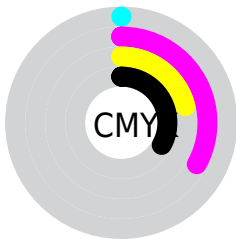
Distribution



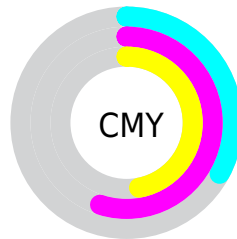
- Red (67%)
- Green (45%)
- Blue (53%)



- Red (67%)
- Yellow (45%)
- Blue (53%)



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





- Cyan (33%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1851, 22.4418, 25.8206 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 27.1851, 22.4418, 25.8206 by changing the saturation by 10% instead.


 27.1851, 22.4418,
25.8206


 27.1851, 22.4418,
25.8206


280.7035,
264.8449, 295.4777


 17.8496, 14.1819,
16.4649


 54.5985, 47.4751,
53.9659


 10.9411, 8.2473,
9.6958


 73.4072, 65.0173,
73.5926

 6.0942, 4.2536,
5.0948


 96.1043, 86.4224,
97.4801

 2.9437, 1.8164,
2.2433

 123.0551,
112.0748, 126.0469

 1.1240, 0.4974,
0.6992

154.6251,
142.3588, 159.7115

 0.0451, 0.0000,
0.0000

191.1796,

 0.0000, 0.0000,

177.6589, 198.8924

0.0000

233.0839,
218.3594, 244.0083

■ 27.1851, 22.4418,
25.8206

■ 27.1851, 22.4418,
25.8206

■ 24.7113, 18.6500,
21.4326

■ 30.0979, 26.9877,
30.7361

■ 22.6522, 15.5679,
17.5520

■ 33.4686, 32.3227,
36.1954

■ 20.9840, 13.1515,
14.1592


■ 37.3172, 38.4831,
42.2159


■ 19.6793, 11.3504,
11.2327


■ 41.6619, 45.5023,
48.8136


■ 18.7071, 10.1066,
8.7489


■ 46.5201, 53.4117,
56.0040


 18.0308, 9.3514,
6.6817

 51.9082, 62.2411,
63.8018

 17.6918, 9.0168,
5.5098

 57.8419, 72.0189,
72.2213

 64.3362, 82.7725,
81.2763

 67.1496, 86.0159,
89.5614

Harmonies

Analogous

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



26.0729, 22.4418, 34.4516



27.1851, 22.4418, 25.8206



26.6196, 22.4418, 18.4629

Triad

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



27.1851, 22.4418, 25.8206



19.1278, 22.4418, 12.9098



18.3731, 22.4418, 39.4412

Complementary

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



27.1851, 22.4418, 25.8206



27.0083, 34.9059, 34.1698

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.



16.7926, 22.4418, 31.5740



27.1851, 22.4418, 25.8206



17.2007, 22.4418, 16.5770

Square

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



27.1851, 22.4418, 25.8206



21.8086, 22.4418, 12.0241



16.3829, 22.4418, 23.1005



20.8589, 22.4418, 43.3438

Rectangle

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



27.1851, 22.4418, 25.8206



25.3911, 22.4418, 15.0414



16.3829, 22.4418, 23.1005



17.7273, 22.4418, 37.0989

Sweetspot

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



27.1857, 22.4428, 25.8211



62.0202, 61.2055, 68.1149



25.7907, 21.3797, 41.2958



13.6277, 13.3249, 14.8696



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.



27.1857, 22.4428, 25.8211



45.3455, 35.0570, 40.3573



26.6276, 23.4637, 19.0463



8.1227, 8.0623, 8.9567



13.3604, 6.8067, 4.2776



0.3985, 0.2001, 0.2604

Inverse Universe

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



27.1857, 22.4428, 25.8211



45.3455, 35.0570, 40.3573



27.6291, 33.1947, 43.4794



8.1227, 8.0623, 8.9567



13.3604, 6.8067, 4.2776



0.3985, 0.2001, 0.2604

Previews

White Background



This preview shows how the XYZ color 27.1851, 22.4418, 25.8206 looks on a white background.

Color Contrast Check

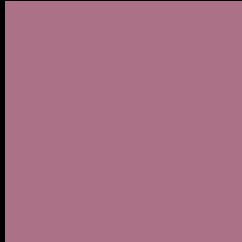
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1851, 22.4418, 25.8206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

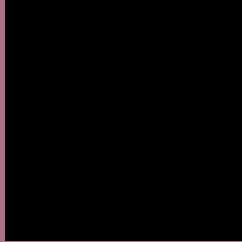
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1851, 22.4418, 25.8206

Background



This preview shows how black text looks on a background with the XYZ color 27.1851, 22.4418, 25.8206.



This preview shows how white text looks on a background with the XYZ color 27.1851, 22.4418,

25.8206.

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

27.1851, 22.4418, 25.8206

Protanopia

22.1467, 22.6767, 29.9979

Deuteranopia

22.9783, 22.6230, 25.3459



Tritanopia

26.5246, 22.5175, 22.3503

Trichromacy



Original Color

27.1851, 22.4418, 25.8206

Protanomaly

23.5170, 22.2677, 28.2579

Deuteranomaly

24.3995, 22.4126, 25.5943

Tritanomaly

26.6707, 22.3925, 23.6854

Monochromacy



Original Color

27.1851, 22.4418, 25.8206

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.7966, 22.8460, 25.7098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1851, 22.4418, 25.8206 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, 114, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 114, 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(171, 114, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 114, 135) }
```

Border

The CSS property to change the border of an element to XYZ 27.1851, 22.4418, 25.8206 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, 114, 135) }
```


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

```
.border{ border-color:rgb(171, 114, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 114, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 114, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 114, 135); box-shadow:4px 4px 4px 4px rgb(171, 114, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1851, 22.4418, 25.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 114, 135) }
```

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

```
.background{ background-color: rgb(171,  
114, 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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