

Converting Colors

XYZ(27.3442, 22.8708, 25.5289)

Have a look what the booklet for
XYZ(27.3442, 22.8708, 25.5289)
contains.

XYZ(27.3431, 22.8699, 25.5275)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.3431, 22.8699,
25.5275)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7486
RGB	171, 116, 134
RGB Percent	67%, 45%, 53%
CMY	0.3294, 0.5451, 0.4745
CMYK	0.00, 0.32, 0.22, 0.33
HSL	340°, 25%, 56%
HSV	340°, 32%, 67%
XYZ	27.3431, 22.8699, 25.5275
YIQ	134.4970, 27.0020, 17.2580

Conversions

Conversions Part 2

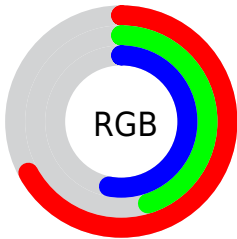
Format	Color
R_{YB}	171, 116, 134
Decimal	11236486
CIE _{Lab}	54.94, 24.30, -1.02
CIE _{LCh}	55, 24.324, 357.605
Yxy	22.8699, 0.3610, 0.3020
Android (android.graphics.Color)	4289426566 (0xFFAB7486)
YUV	134.4970, -0.2450, 32.0131
Hunter-Lab	47.8225, 18.3702, 1.8269

Details

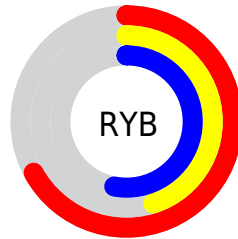
The XYZ color **27.3431, 22.8699, 25.5275** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.5161, 35.1394, 35.4710**, and the grayscale version is **22.8374, 24.0267, 26.1651**.

A 20% lighter version of the original color is **54.8362, 48.2947, 53.4453**, and **11.0786, 8.5060, 9.4454** is the 20% darker color. If you saturate the color by 10%, you get **24.7912, 18.9810, 20.9312**, and if you desaturate by 10%, it is **30.3464, 27.5215, 30.7055**.

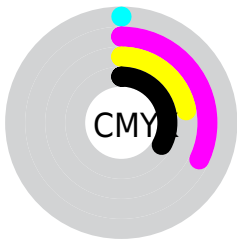
Distribution



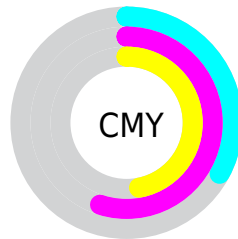
- Red (67%)
- Green (45%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (32%)
- Yellow (22%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3431, 22.8699, 25.5275 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 27.3431, 22.8699, 25.5275 by changing the saturation by 10% instead.

■ 27.3431, 22.8699,
25.5275

■ 27.3431, 22.8699,
25.5275

281.4519,
267.0561, 293.9861

■ 17.9690, 14.4975,
16.2479

■ 54.8500, 48.1796,
53.4864

■ 11.0273, 8.4675,
9.5435

■ 73.7134, 65.8857,
73.0028

■ 6.1526, 4.3955,
4.9957

■ 96.4707, 87.4718,
96.7685

■ 2.9796, 1.8972,
2.1861

123.4871,
113.3223, 125.2021

■ 1.1430, 0.5467,
0.6663

155.1281,
143.8215, 158.7221

■ 0.0606, 0.0000,
0.0000

191.7590,

■ 0.0000, 0.0000,

179.3540, 197.7471

0.0000

233.7451,
220.3040, 242.6956

■ 27.3431, 22.8699,
25.5275

■ 27.3431, 22.8699,
25.5275

■ 24.7912, 18.9810,
20.9312

■ 30.3464, 27.5215,
30.7055

■ 22.6661, 15.8106,
16.8938

■ 33.8203, 32.9706,
36.4840

■ 20.9436, 13.3149,
13.3933

■ 37.7851, 39.2534,
42.8824

■ 19.5963, 11.4440,
10.4050

■ 42.2594, 46.4032,
49.9191

■ 18.5931, 10.1408,
7.9026

■ 47.2608, 54.4515,
57.6115

■ 17.8973, 9.3376,
5.8563

■ 52.8059, 63.4280,
65.9763

■ 17.5075, 8.9431,
4.5394

■ 58.9108, 73.3611,
75.0297

■ 65.5907, 84.2782,
84.7873

■ 67.9198, 86.3240,
93.6173

Harmonies

Analogous

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



26.4182, 22.8699, 33.7393



27.3431, 22.8699, 25.5275



26.6659, 22.8699, 18.6321

Triad

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



27.3431, 22.8699, 25.5275



19.4209, 22.8699, 13.9197



19.0746, 22.8699, 39.6707

Complementary

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



27.3431, 22.8699, 25.5275



27.5161, 35.1394, 35.4710

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.



17.4565, 22.8699, 32.4396



27.3431, 22.8699, 25.5275



17.6445, 22.8699, 17.7597

Square

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



27.3431, 22.8699, 25.5275



21.9547, 22.8699, 12.8117



16.9551, 22.8699, 24.2857



21.5211, 22.8699, 42.8903

Rectangle

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



27.3431, 22.8699, 25.5275



25.4258, 22.8699, 15.4620



16.9551, 22.8699, 24.2857



18.4237, 22.8699, 37.5638

Sweetspot

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



27.3437, 22.8710, 25.5280



61.9083, 61.1608, 67.5255



26.6710, 22.1721, 41.4024



13.5998, 13.3137, 14.7224



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.



27.3437, 22.8710, 25.5280



45.4567, 35.5931, 39.4268



27.3025, 24.6294, 19.8392



8.1093, 8.0570, 8.8862



13.2200, 6.7505, 3.5378



0.3934, 0.1980, 0.2332

Inverse Universe

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



27.3437, 22.8710, 25.5280



45.4567, 35.5931, 39.4268



27.4450, 32.4360, 43.3427



8.1093, 8.0570, 8.8862



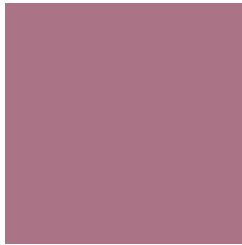
13.2200, 6.7505, 3.5378



0.3934, 0.1980, 0.2332

Previews

White Background



This preview shows how the XYZ color 27.3431, 22.8699, 25.5275 looks on a white background.

Color Contrast Check

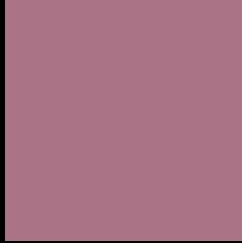
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3431, 22.8699, 25.5275 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 27.3431, 22.8699, 25.5275

Background



This preview shows how black text looks on a background with the XYZ color 27.3431, 22.8699, 25.5275.



This preview shows how white text looks on a background with the XYZ color 27.3431, 22.8699,

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

27.3431, 22.8699, 25.5275

Protanopia

22.4343, 23.0411, 29.2516

Deuteranopia

23.3856, 23.0336, 25.0432



Tritanopia

26.7047, 22.7750, 22.7272

Trichromacy



Original Color

27.3431, 22.8699, 25.5275

Protanomaly

24.0485, 22.9262, 27.9686

Deuteranomaly

24.7677, 22.9788, 25.3202

Tritanomaly

26.9013, 22.8536, 23.7622

Monochromacy



Original Color

27.3431, 22.8699, 25.5275

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.9251, 23.1030, 25.7526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3431, 22.8699, 25.5275 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, 116, 134)` looks like.

```
.text, #text, p{  
    color:rgb(171, 116, 134)  
}
```

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, 116, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 116, 134) }
```

Border

The CSS property to change the border of an element to XYZ 27.3431, 22.8699, 25.5275 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, 116, 134) }
```


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

```
.border{ border-color:rgb(171, 116, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 116, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 116, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 116, 134);  
box-shadow:4px 4px 4px 4px rgb(171, 116,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3431, 22.8699, 25.5275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 116, 134) }
```

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

```
.background{ background-color: rgb(171,  
116, 134) }
```

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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