

Converting Colors

XYZ(27.1370, 24.9227, 28.4687)

Have a look what the booklet for
XYZ(27.1370, 24.9227, 28.4687)
contains.

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Color

**XYZ(27.2248, 24.9385,
28.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	A1808D
RGB	161, 128, 141
RGB Percent	63%, 50%, 55%
CMY	0.3686, 0.4980, 0.4471
CMYK	0.00, 0.20, 0.12, 0.37
HSL	336°, 15%, 57%
HSV	336°, 20%, 63%
XYZ	27.2248, 24.9385, 28.5780
YIQ	139.3490, 15.4950, 11.0390

Conversions

Conversions Part 2

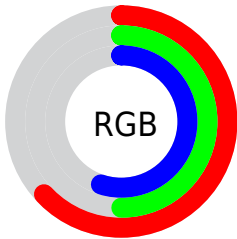
Format	Color
R _Y B	161, 128, 141
Decimal	10584205
CIE Lab	57.02, 14.87, -2.16
CIE LCh	57, 15.028, 351.723
Yxy	24.9385, 0.3372, 0.3089
Android (android.graphics.Color)	4288774285 (0xFFA1808D)
YUV	139.3490, 0.8139, 18.9879
Hunter-Lab	49.9385, 9.9200, 1.0274

Details

The XYZ color **27.2248, 24.9385, 28.5780** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9932, 32.2176, 32.8144**, and the grayscale version is **24.6685, 25.9532, 28.2630**.

A 20% lighter version of the original color is **54.6931, 51.5868, 58.7044**, and **10.9910, 9.5985, 11.1709** is the 20% darker color. If you saturate the color by 10%, you get **24.5948, 20.7895, 24.2755**, and if you desaturate by 10%, it is **30.2534, 29.7817, 33.3297**.

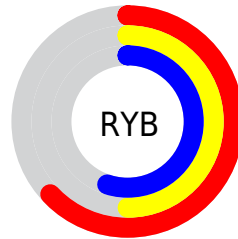
Distribution



Red (63%)

Green (50%)

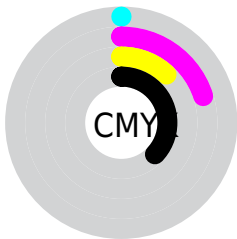
Blue (55%)



Red (63%)

Yellow (50%)

Blue (55%)

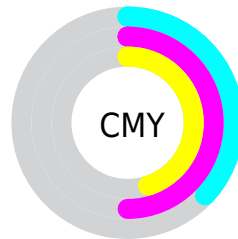


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (37%)



Cyan (37%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2248, 24.9385, 28.5780 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 27.2248, 24.9385, 28.5780 by changing the saturation by 10% instead.

■ 27.2248, 24.9385,
28.5780

■ 27.2248, 24.9385,
28.5780

280.8917,
277.5315, 309.2170

■ 17.8796, 16.0312,
18.5190

■ 54.6617, 51.5574,
58.4401

■ 10.9627, 9.5463,
11.1500

■ 73.4842, 70.0379,
79.0803

■ 6.1089, 5.0992,
6.0523

■ 96.1964, 92.4782,
104.0846

■ 2.9527, 2.3056,
2.8076

123.1637,
119.2628, 133.8715

■ 1.1288, 0.7767,
0.9973

154.7516,
150.7760, 168.8597

■ 0.0490, 0.0000,
0.0000

191.3253,

■ 0.0000, 0.0000,

187.4023, 209.4677

0.0000

233.2502,
229.5260, 256.1139

■ 27.2248, 24.9385,
28.5780

■ 27.2248, 24.9385,
28.5780

■ 24.5948, 20.7895,
24.2755

■ 30.2534, 29.7817,
33.3297

■ 22.3440, 17.2995,
20.4066

■ 33.6948, 35.3458,
38.5422

■ 20.4544, 14.4349,
16.9574

■ 37.5649, 41.6599,
44.2287

■ 18.9058, 12.1580,
13.9121

■ 41.8783, 48.7508,
50.4012

■ 17.6757, 10.4270,
11.2541

■ 46.6487, 56.6438,
57.0715

■ 16.7388, 9.1944,
8.9652

■ 51.8894, 65.3630,
64.2507

■ 16.0656, 8.4044,
7.0253

■ 57.6129, 74.9316,
71.9498

■ 15.6069, 7.9407,
5.4739

■ 63.2532, 84.2152,
79.9865

■ 64.5767, 84.7446,
86.9559

Harmonies

Analogous

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



26.4701, 24.9385, 33.6344



27.2248, 24.9385, 28.5780



26.9998, 24.9385, 23.7112

Triad

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



27.2248, 24.9385, 28.5780



22.4686, 24.9385, 19.0845



21.6614, 24.9385, 35.5257

Complementary

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



27.2248, 24.9385, 28.5780



26.9932, 32.2176, 32.8144

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.



20.6867, 24.9385, 30.9144



27.2248, 24.9385, 28.5780



21.1364, 24.9385, 21.5641

Square

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



27.2248, 24.9385, 28.5780



24.1955, 24.9385, 18.6225



20.4994, 24.9385, 25.7777



23.2178, 24.9385, 37.9588

Rectangle

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



27.2248, 24.9385, 28.5780



26.3291, 24.9385, 21.1823



20.4994, 24.9385, 25.7777



21.2582, 24.9385, 34.1537

Sweetspot

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



27.2255, 24.9396, 28.5785



56.7890, 57.5406, 63.6779



26.3297, 24.2901, 37.0191



12.3749, 12.4906, 13.8443



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.2255, 24.9396, 28.5785



46.3275, 40.8156, 47.2489



26.7517, 25.4500, 23.9258



7.1839, 7.1300, 7.9549



12.4836, 6.3495, 4.4715



0.2852, 0.1426, 0.2144

Inverse Universe

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



27.2255, 24.9396, 28.5785



46.3275, 40.8156, 47.2489



27.5116, 31.5145, 38.3513



7.1839, 7.1300, 7.9549



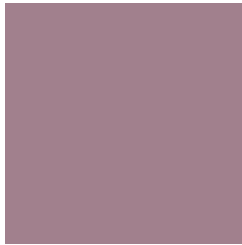
12.4836, 6.3495, 4.4715



0.2852, 0.1426, 0.2144

Previews

White Background



This preview shows how the XYZ color 27.2248, 24.9385, 28.5780 looks on a white background.

Color Contrast Check

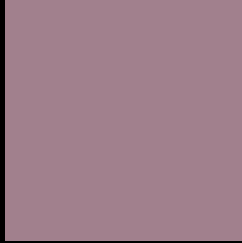
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2248, 24.9385, 28.5780 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

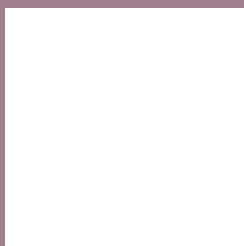
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2248, 24.9385, 28.5780

Background



This preview shows how black text looks on a background with the XYZ color 27.2248, 24.9385, 28.5780.



This preview shows how white text looks on a background with the XYZ color 27.2248, 24.9385,

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

27.2248, 24.9385, 28.5780

Protanopia

24.3090, 25.0020, 30.7388

Deuteranopia

25.5156, 25.0581, 28.3028



Tritanopia

27.0046, 24.8504, 27.4181

Trichromacy



Original Color

27.2248, 24.9385, 28.5780

Protanomaly

25.2756, 24.8997, 29.8595

Deuteranomaly

25.9868, 24.8984, 28.2472

Tritanomaly

27.0773, 24.8795, 27.8012

Monochromacy



Original Color

27.2248, 24.9385, 28.5780

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.4302, 25.4244, 28.3780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2248, 24.9385, 28.5780 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(161, 128, 141)` looks like.

```
.text, #text, p{  
    color:rgb(161, 128, 141)  
}
```

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(161, 128, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 128, 141) }
```

Border

The CSS property to change the border of an element to XYZ 27.2248, 24.9385, 28.5780 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(161, 128, 141) }
```


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

```
.border{ border-color:rgb(161, 128, 141) }
```

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

Here you see how a box with a 4 pixel rgb(161, 128, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 128, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 128, 141);  
box-shadow:4px 4px 4px 4px rgb(161, 128,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2248, 24.9385, 28.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 128, 141) }
```

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

```
.background{ background-color: rgb(161,  
128, 141) }
```

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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