

Converting Colors

XYZ(27.8050, 25.5037, 28.9886)

Have a look what the booklet for
XYZ(27.8050, 25.5037, 28.9886)
contains.

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Color

**XYZ(27.8370, 25.4400,
29.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	A3818E
RGB	163, 129, 142
RGB Percent	64%, 51%, 56%
CMY	0.3608, 0.4941, 0.4431
CMYK	0.00, 0.21, 0.13, 0.36
HSL	337°, 16%, 57%
HSV	337°, 21%, 64%
XYZ	27.8370, 25.4400, 29.0344
YIQ	140.6480, 16.0910, 11.2510

Conversions

Conversions Part 2

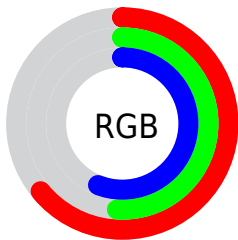
Format	Color
R _Y B	163, 129, 142
Decimal	10715534
CIE Lab	57.50, 15.23, -2.00
CIE LCh	58, 15.360, 352.505
Yxy	25.4400, 0.3382, 0.3091
Android (android.graphics.Color)	4288905614 (0xFFA3818E)
YUV	140.6480, 0.6665, 19.6027
Hunter-Lab	50.4381, 10.2483, 1.1767

Details

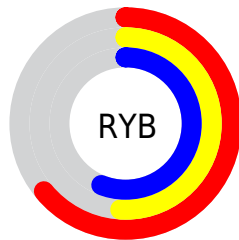
The XYZ color **27.8370, 25.4400, 29.0344** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.6565, 33.0642, 33.7801**, and the grayscale version is **25.1733, 26.4843, 28.8414**.

A 20% lighter version of the original color is **55.6052, 52.3468, 59.3978**, and **11.3560, 9.8895, 11.4356** is the 20% darker color. If you saturate the color by 10%, you get **25.1368, 21.1949, 24.5717**, and if you desaturate by 10%, it is **30.9495, 30.3997, 33.9721**.

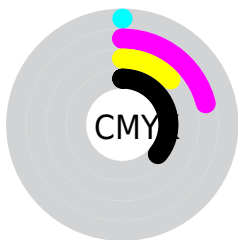
Distribution



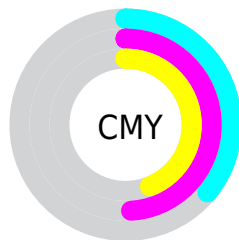
- Red (64%)
- Green (51%)
- Blue (56%)



- Red (64%)
- Yellow (51%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (36%)



- Cyan (36%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8370, 25.4400, 29.0344 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 27.8370, 25.4400, 29.0344 by changing the saturation by 10% instead.

■ 27.8370, 25.4400,
29.0344

■ 27.8370, 25.4400,
29.0344

283.7814,
280.0221, 311.4432

■ 18.3426, 16.4052,
18.8610

■ 55.6346, 52.3701,
59.1746

■ 11.2974, 9.8113,
11.3941

■ 74.6685, 71.0342,
79.9785

■ 6.3360, 5.2740,
6.2151

■ 97.6130, 93.6769,
105.1630

■ 3.0931, 2.4089,
2.9054

124.8334,
120.6825, 135.1466

■ 1.2032, 0.8305,
1.0465

156.6951,
152.4354, 170.3479

■ 0.1089, 0.0000,
0.0000

193.5634,

■ 0.0000, 0.0000,

189.3201, 211.1854

0.0000

235.8038,
231.7208, 258.0777

■ 27.8370, 25.4400,
29.0344

■ 27.8370, 25.4400,
29.0344

■ 25.1368, 21.1949,
24.5717

■ 30.9495, 30.3997,
33.9721

■ 22.8286, 17.6280,
20.5674

■ 34.4890, 36.1015,
39.3973

■ 20.8939, 14.7044,
17.0065

■ 38.4720, 42.5757,
45.3240

■ 19.3115, 12.3852,
13.8721

■ 42.9136, 49.8499,
51.7654

■ 18.0580, 10.6269,
11.1464

■ 47.8283, 57.9502,
58.7337

■ 17.1071, 9.3802,
8.8099

■ 53.2296, 66.9016,
66.2412

■ 16.4280, 8.5872,
6.8409

■ 59.1307, 76.7280,
74.2993

■ 15.9826, 8.1379,
5.3313

■ 64.1230, 84.6101,
82.4457

■ 65.5179, 85.1680,
89.7909

Harmonies

Analogous

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



27.0789, 25.4400, 34.2938



27.8370, 25.4400, 29.0344



27.5766, 25.4400, 24.0207

Triad

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



27.8370, 25.4400, 29.0344



22.8586, 25.4400, 19.3980



22.1019, 25.4400, 36.4841

Complementary

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



27.8370, 25.4400, 29.0344



27.6565, 33.0642, 33.7801

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.



21.0743, 25.4400, 31.7367



27.8370, 25.4400, 29.0344



21.4956, 25.4400, 22.0104

Square

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



27.8370, 25.4400, 29.0344



24.6416, 25.4400, 18.8659



20.8581, 25.4400, 26.4068



23.7241, 25.4400, 38.9337

Rectangle

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



27.8370, 25.4400, 29.0344



26.8664, 25.4400, 21.4367



20.8581, 25.4400, 26.4068



21.6789, 25.4400, 35.0775

Sweetspot

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



27.8377, 25.4411, 29.0349



58.3385, 59.1197, 65.3412



27.0336, 24.8269, 38.0180



13.0162, 13.1390, 14.5427



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.8377, 25.4411, 29.0349



47.5369, 41.9045, 48.2127



27.4506, 26.1386, 24.3686



7.1806, 7.1287, 7.9374



12.4421, 6.3329, 4.2527



0.2840, 0.1421, 0.2084

Inverse Universe

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



27.8377, 25.4411, 29.0349



47.5369, 41.9045, 48.2127



28.0688, 32.1199, 39.3711



7.1806, 7.1287, 7.9374



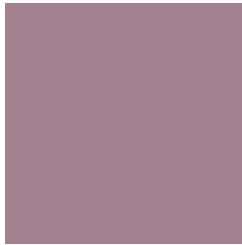
12.4421, 6.3329, 4.2527



0.2840, 0.1421, 0.2084

Previews

White Background



This preview shows how the XYZ color 27.8370, 25.4400, 29.0344 looks on a white background.

Color Contrast Check

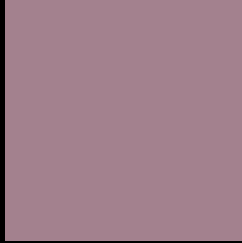
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8370, 25.4400, 29.0344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

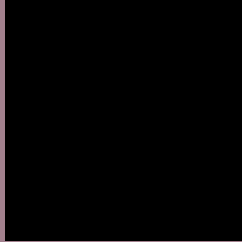
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.8370, 25.4400, 29.0344

Background



This preview shows how black text looks on a background with the XYZ color 27.8370, 25.4400, 29.0344.



This preview shows how white text looks on a background with the XYZ color 27.8370, 25.4400,

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

27.8370, 25.4400, 29.0344

Protanopia

24.6934, 25.4012, 31.2052

Deuteranopia

25.9105, 25.4573, 28.7474



Tritanopia

27.6147, 25.3511, 27.8639

Trichromacy



Original Color

27.8370, 25.4400, 29.0344

Protanomaly

25.6686, 25.2976, 30.3181

Deuteranomaly

26.5766, 25.3942, 28.7001

Tritanomaly

27.6881, 25.3805, 28.2505

Monochromacy



Original Color

27.8370, 25.4400, 29.0344

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.1478, 26.2040, 28.8790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8370, 25.4400, 29.0344 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(163, 129, 142)` looks like.

```
.text, #text, p{  
    color:rgb(163, 129, 142)  
}
```

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(163, 129, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 129, 142) }
```

Border

The CSS property to change the border of an element to XYZ 27.8370, 25.4400, 29.0344 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(163, 129, 142) }
```


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

```
.border{ border-color:rgb(163, 129, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 129, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 129, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 129, 142); box-shadow:4px 4px 4px 4px rgb(163, 129, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8370, 25.4400, 29.0344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 129, 142) }
```

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

```
.background{ background-color: rgb(163,  
129, 142) }
```

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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