

Converting Colors

XYZ(28.9742, 28.0055, 23.1275)

Have a look what the booklet for
XYZ(28.9742, 28.0055, 23.1275)
contains.

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Color

**XYZ(28.9386, 27.9825,
23.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	A88A7D
RGB	168, 138, 125
RGB Percent	66%, 54%, 49%
CMY	0.3412, 0.4588, 0.5098
CMYK	0.00, 0.18, 0.26, 0.34
HSL	18°, 20%, 57%
HSV	18°, 26%, 66%
XYZ	28.9386, 27.9825, 23.2780
YIQ	145.4880, 22.0530, 2.3170

Conversions

Conversions Part 2

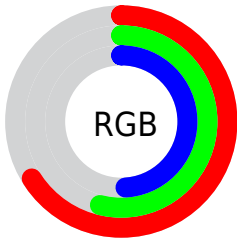
Format	Color
R_{YB}	168, 144, 125
Decimal	11045501
CIE Lab	59.87, 9.33, 11.23
CIE LCh	60, 14.598, 50.268
Yxy	27.9825, 0.3608, 0.3489
Android (android.graphics.Color)	4289235581 (0xFFA88A7D)
YUV	145.4880, -10.1006, 19.7430
Hunter-Lab	52.8985, 5.0777, 10.9384

Details

The XYZ color **28.9386, 27.9825, 23.2780** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.2463, 30.6289, 41.5218**, and the grayscale version is **27.1465, 28.5603, 31.1021**.

A 20% lighter version of the original color is **57.4072, 56.3232, 49.9653**, and **11.8645, 11.1461, 8.3636** is the 20% darker color. If you saturate the color by 10%, you get **26.3633, 24.4065, 17.5650**, and if you desaturate by 10%, it is **31.8784, 31.9966, 30.0088**.

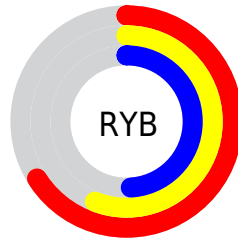
Distribution



Red (66%)

Green (54%)

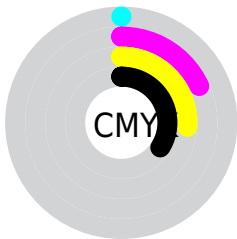
Blue (49%)



Red (66%)

Yellow (56%)

Blue (49%)

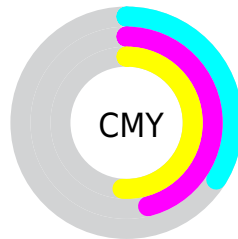


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (34%)



Cyan (34%)

Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9386, 27.9825, 23.2780 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 28.9386, 27.9825, 23.2780 by changing the saturation by 10% instead.

■ 28.9386, 27.9825,
23.2780

■ 28.9386, 27.9825,
23.2780

288.9246,
292.3833, 282.3177

■ 19.1784, 18.3125,
14.5917

■ 57.3778, 56.4565,
49.7784

■ 11.9040, 11.1746,
8.3899

■ 76.7874, 76.0293,
68.4295

■ 6.7501, 6.1844,
4.2541

■ 100.1444, 99.6717,
91.2393

■ 3.3512, 2.9575,
1.7658

127.8138,
127.7683, 118.6264

■ 1.3421, 1.1096,
0.4052

160.1612,
160.7033, 151.0092

■ 0.2144, 0.0000,
0.0000

197.5519,

■ 0.0000, 0.0000,

198.8612, 188.8064

0.0000

240.3513,
242.6264, 232.4363

■ 28.9386, 27.9825,
23.2780

■ 28.9386, 27.9825,
23.2780

■ 26.3633, 24.4065,
17.5650

■ 31.8784, 31.9966,
30.0088

■ 24.1355, 21.2497,
12.8180

■ 35.1944, 36.4593,
37.8021

■ 22.2398, 18.4973,
8.9834

■ 38.9007, 41.3855,
46.7023

■ 20.6590, 16.1321,
6.0015

■ 43.0096, 46.7884,
56.7504

■ 19.3742, 14.1358,
3.8053

■ 47.5333, 52.6804,
67.9855

■ 18.3637, 12.4881,
2.3177

■ 52.4831, 59.0737,
80.4448

■ 17.6016, 11.1663,
1.4401

■ 57.8700, 65.9799,
94.1640

■ 17.3238, 10.6755,
1.1475

■ 62.9878, 73.1235,
105.4022

■ 66.3930, 79.9339,
106.5372

Harmonies

Analogous

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



30.0793, 27.9825, 27.0697



28.9386, 27.9825, 23.2780



27.2031, 27.9825, 21.4803

Triad

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



28.9386, 27.9825, 23.2780



23.2385, 27.9825, 28.7763



27.8494, 27.9825, 41.0731

Complementary

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



28.9386, 27.9825, 23.2780



27.2463, 30.6289, 41.5218

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.



25.9990, 27.9825, 41.6674



28.9386, 27.9825, 23.2780



23.3935, 27.9825, 34.1398

Square

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



28.9386, 27.9825, 23.2780



23.9505, 27.9825, 24.4024



24.3844, 27.9825, 39.0047



29.4306, 27.9825, 37.4640

Rectangle

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



28.9386, 27.9825, 23.2780



25.9667, 27.9825, 21.4934



24.3844, 27.9825, 39.0047



27.2364, 27.9825, 41.6470

Sweetspot

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



28.9393, 27.9838, 23.2786



62.2633, 64.0148, 64.8002



29.4071, 25.3623, 34.4001



13.3755, 13.6904, 13.6631



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.9393, 27.9838, 23.2786



49.6443, 46.8091, 35.8318



32.3173, 34.7397, 24.4046



7.7092, 7.8985, 7.9075



13.1226, 8.1425, 0.8800



0.3637, 0.2869, 0.0362

Inverse Universe

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



27.2463, 30.6289, 41.5218



46.0111, 52.4679, 74.9274



23.9956, 24.1273, 40.4382



7.5532, 8.1433, 9.5921



10.2049, 11.8700, 29.7288



0.2900, 0.3723, 0.7372

Previews

White Background



This preview shows how the XYZ color 28.9386, 27.9825, 23.2780 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 28.9386, 27.9825, 23.2780 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 28.9386, 27.9825, 23.2780

Background



This preview shows how black text looks on a background with the XYZ color 28.9386, 27.9825, 23.2780.



This preview shows how white text looks on a background with the XYZ color 28.9386, 27.9825,

23.2780.

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

28.9386, 27.9825, 23.2780

Protanopia

26.6320, 28.0843, 24.4392

Deuteranopia

28.4513, 27.9452, 23.2965



Tritanopia

30.3524, 27.9183, 30.5771

Trichromacy



Original Color

28.9386, 27.9825, 23.2780

Protanomaly

27.4084, 28.0464, 24.0476

Deuteranomaly

28.6602, 28.0529, 23.3062

Tritanomaly

29.7538, 27.8783, 27.8576

Monochromacy



Original Color

28.9386, 27.9825, 23.2780

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.3973, 27.9533, 27.9963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9386, 27.9825, 23.2780 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(168, 138, 125)` looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 125)  
}
```

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(168, 138, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 125) }
```

Border

The CSS property to change the border of an element to XYZ 28.9386, 27.9825, 23.2780 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(168, 138, 125) }
```


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

```
.border{ border-color:rgb(168, 138, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 138, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 125);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9386, 27.9825, 23.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 125) }
```

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

```
.background{ background-color: rgb(168,  
138, 125) }
```

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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