

Converting Colors

XYZ(28.9085, 25.1489, 38.0749)

Have a look what the booklet for
XYZ(28.9085, 25.1489, 38.0749)
contains.

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Color

**XYZ(28.9720, 25.2474,
37.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	A27EA3
RGB	162, 126, 163
RGB Percent	64%, 49%, 64%
CMY	0.3647, 0.5059, 0.3608
CMYK	0.01, 0.23, 0.00, 0.36
HSL	298°, 17%, 57%
HSV	298°, 23%, 64%
XYZ	28.9720, 25.2474, 37.9966
YIQ	140.9820, 9.5790, 19.1390

Conversions

Conversions Part 2

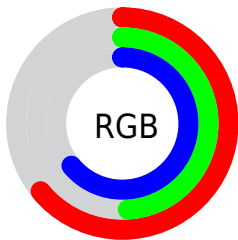
Format	Color
RYB	162, 126, 163
Decimal	10649251
CIELab	57.32, 20.48, -14.40
CIELCh	57, 25.039, 324.890
Yxy	25.2474, 0.3142, 0.2738
Android (android.graphics.Color)	4288839331 (0xFFA27EA3)
YUV	140.9820, 10.8549, 18.4328
Hunter-Lab	50.2468, 14.9902, -9.6623

Details

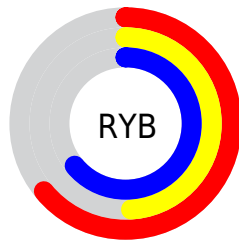
The XYZ color **28.9720, 25.2474, 37.9966** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.6163, 32.2134, 24.6076**, and the grayscale version is **25.2672, 26.5830, 28.9489**.

A 20% lighter version of the original color is **57.3903, 52.0539, 73.3523**, and **11.9535, 9.7704, 16.2948** is the 20% darker color. If you saturate the color by 10%, you get **26.9661, 21.3678, 37.3539**, and if you desaturate by 10%, it is **31.3193, 29.8086, 38.7536**.

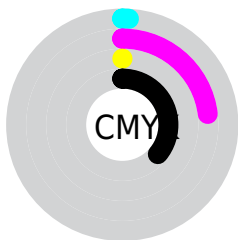
Distribution



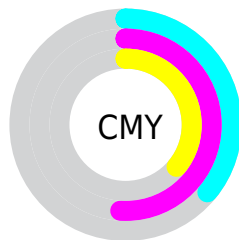
- Red (64%)
- Green (49%)
- Blue (64%)



- Red (64%)
- Yellow (49%)
- Blue (64%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9720, 25.2474, 37.9966 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 28.9720, 25.2474, 37.9966 by changing the saturation by 10% instead.

■ 28.9720, 25.2474,
37.9966

■ 28.9720, 25.2474,
37.9966

289.0794,
279.0678, 352.9031

■ 19.2038, 16.2615,
25.6782

■ 57.4305, 52.0583,
73.3063

■ 11.9225, 9.7094,
16.3595

■ 76.8515, 70.6520,
97.1347

■ 6.7628, 5.2067,
9.6218

■ 100.2208, 93.2172,
125.6369

■ 3.3592, 2.3690,
5.0466

127.9037,
120.1382, 159.2314

■ 1.3464, 0.8099,
2.2154

160.2657,
151.7993, 198.3367

■ 0.2176, 0.0000,
0.6832

197.6721,

■ 0.0000, 0.0000,

188.5850, 243.3714

0.0000

240.4882,
230.8797, 294.7540

■ 28.9720, 25.2474,
37.9966

■ 28.9720, 25.2474,
37.9966

■ 26.9661, 21.3678,
37.3539

■ 31.3193, 29.8086,
38.7536

■ 25.2830, 18.1337,
36.8183

■ 34.0211, 35.0787,
39.6285

■ 23.9056, 15.5104,
36.3846

■ 37.0926, 41.0875,
40.6264

■ 22.8143, 13.4592,
36.0462

■ 40.5472, 47.8623,
41.7520

■ 21.9875, 11.9363,
35.7958

■ 44.3979, 55.4288,
43.0095

■ 21.4003, 10.8922,
35.6252

■ 48.6570, 63.8116,
44.4031

■ 21.0231, 10.2675,
35.5245

■ 53.3363, 73.0343,
45.9366

■ 20.8291, 9.9741,
35.4781

■ 57.9973, 82.2201,
47.4640

■ 58.0895, 82.2676,
47.4683

Harmonies

Analogous

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



26.4785, 25.2474, 45.1306



28.9720, 25.2474, 37.9966



30.1383, 25.2474, 28.9709

Triad

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



28.9720, 25.2474, 37.9966



24.5085, 25.2474, 14.2183



19.1857, 25.2474, 34.9546

Complementary

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



28.9720, 25.2474, 37.9966



25.6163, 32.2134, 24.6076

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.



18.7522, 25.2474, 26.0607



28.9720, 25.2474, 37.9966



21.6754, 25.2474, 15.1748

Square

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



28.9720, 25.2474, 37.9966



27.4293, 25.2474, 16.1751



19.6267, 25.2474, 19.1244



20.8635, 25.2474, 43.1359

Rectangle

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



28.9720, 25.2474, 37.9966



29.9422, 25.2474, 23.5024



19.6267, 25.2474, 19.1244



18.8958, 25.2474, 31.9051

Sweetspot

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



28.9728, 25.2485, 37.9971



58.7038, 58.4790, 70.2497



22.8356, 22.3203, 37.7554



13.1243, 13.0166, 15.7582



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.



28.9728, 25.2485, 37.9971



50.0871, 41.7311, 67.4712



27.7335, 24.7763, 30.4070



7.3453, 7.1924, 8.9042



16.1944, 7.7550, 27.5731



0.3458, 0.1658, 0.5796

Inverse Universe

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



26.3967, 24.2416, 23.3676



44.6945, 39.6251, 36.7668



26.6804, 32.6219, 30.9840



7.0812, 7.0889, 7.4138



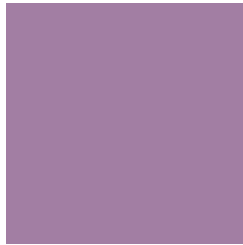
11.7603, 6.0602, 0.6627



0.2493, 0.1282, 0.0255

Previews

White Background



This preview shows how the XYZ color 28.9720, 25.2474, 37.9966 looks on a white background.

Color Contrast Check

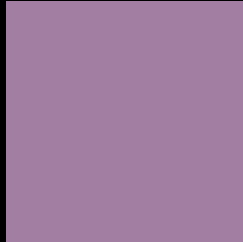
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9720, 25.2474, 37.9966 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 28.9720, 25.2474, 37.9966

Background



This preview shows how black text looks on a background with the XYZ color 28.9720, 25.2474, 37.9966.



This preview shows how white text looks on a background with the XYZ color 28.9720, 25.2474,

37.9966.

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

28.9720, 25.2474, 37.9966

Protanopia

25.2658, 25.2564, 41.5735

Deuteranopia

25.9122, 25.4766, 37.2700



Tritanopia

27.0143, 25.2296, 28.2569

Trichromacy



Original Color

28.9720, 25.2474, 37.9966

Protanomaly

26.3816, 25.0433, 40.0026

Deuteranomaly

26.9856, 25.4071, 37.6642

Tritanomaly

27.6928, 25.3122, 31.4432

Monochromacy



Original Color

28.9720, 25.2474, 37.9966

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.6234, 26.1678, 32.0815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9720, 25.2474, 37.9966 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(162, 126, 163)` looks like.

```
.text, #text, p{  
    color:rgb(162, 126, 163)  
}
```

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(162, 126, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 126, 163) }
```

Border

The CSS property to change the border of an element to XYZ 28.9720, 25.2474, 37.9966 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(162, 126, 163) }
```


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

```
.border{ border-color:rgb(162, 126, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 126, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 126, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 126, 163);  
box-shadow:4px 4px 4px 4px rgb(162, 126,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9720, 25.2474, 37.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 126, 163) }
```

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

```
.background{ background-color: rgb(162,  
126, 163) }
```

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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