

Converting Colors

XYZ(28.8484, 25.3606, 35.2525)

Have a look what the booklet for
XYZ(28.8484, 25.3606, 35.2525)
contains.

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Color

**XYZ(28.9850, 25.5056,
35.2937)**

Conversions

Conversions Part 1	
Format	Color
Hex	A47F9D
RGB	164, 127, 157
RGB Percent	64%, 50%, 62%
CMY	0.3569, 0.5019, 0.3843
CMYK	0.00, 0.23, 0.04, 0.36
HSL	311°, 17%, 57%
HSV	311°, 23%, 64%
XYZ	28.9850, 25.5056, 35.2937
YIQ	141.4830, 12.4220, 17.1740

Conversions

Conversions Part 2

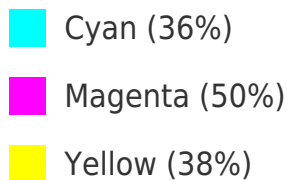
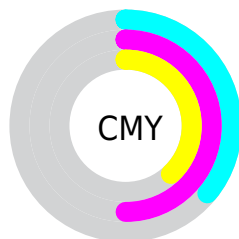
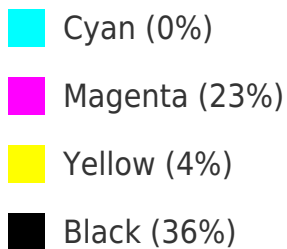
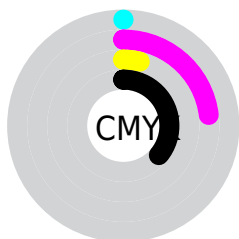
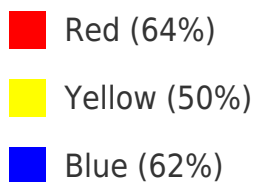
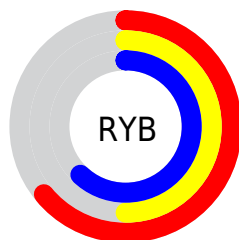
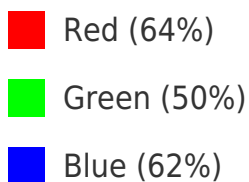
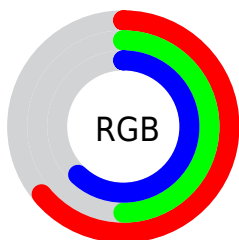
Format	Color
RYB	164, 127, 157
Decimal	10780573
CIELab	57.56, 19.46, -10.55
CIELCh	58, 22.135, 331.535
Yxy	25.5056, 0.3228, 0.2841
Android (android.graphics.Color)	4288970653 (0xFFA47F9D)
YUV	141.4830, 7.6499, 19.7474
Hunter-Lab	50.5031, 14.0653, -6.0822

Details

The XYZ color **28.9850, 25.5056, 35.2937** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.3319, 32.7849, 27.4960**, and the grayscale version is **25.4752, 26.8019, 29.1873**.

A 20% lighter version of the original color is **57.4183, 52.4561, 69.3861**, and **12.0080, 9.9341, 14.9203** is the 20% darker color. If you saturate the color by 10%, you get **26.7755, 21.5049, 33.2669**, and if you desaturate by 10%, it is **31.5475, 30.2008, 37.4719**.


Distribution




Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9850, 25.5056, 35.2937 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 28.9850, 25.5056, 35.2937 by changing the saturation by 10% instead.

 28.9850, 25.5056,
35.2937


 28.9850, 25.5056,
35.2937


289.1397,
280.3466, 340.8064


 19.2137, 16.4541,
23.6038


 57.4510, 52.4763,
69.0972

 11.9297, 9.8461,
14.8305

 76.8764, 71.1643,
92.0480

 6.7677, 5.2970,
8.5552


 100.2505, 93.8333,
119.5894

 3.3623, 2.4226,
4.3594

127.9387,
120.8676, 152.1402

 1.3481, 0.8375,
1.8245

160.3064,
152.6517, 190.1187

 0.2188, 0.0000,
0.4441


197.7189,


 0.0000, 0.0000,


189.5700, 233.9435

0.0000


240.5415,
232.0068, 284.0332


 28.9850, 25.5056,
35.2937


 28.9850, 25.5056,
35.2937


 26.7755, 21.5049,
33.2669


 31.5475, 30.2008,
37.4719


 24.9001, 18.1620,
31.3842


 34.4763, 35.6181,
39.8054


 23.3414, 15.4419,
29.6397

 37.7868, 41.7880,
42.2998

 22.0796, 13.3050,
28.0266

 41.4928, 48.7379,
44.9600

 21.0925, 11.7072,
26.5374

 45.6076, 56.4941,
47.7905

■ 20.3550, 10.5981,
25.1633

■ 50.1435, 65.0815,
50.7958

■ 19.8369, 9.9177,
23.8940

■ 55.1125, 74.5240,
53.9801

■ 19.5417, 9.5853,
23.0001

■ 59.4954, 82.7827,
57.0038

■ 59.8193, 82.9123,
58.7096

Harmonies

Analogous

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



26.9958, 25.5056, 42.0987



28.9850, 25.5056, 35.2937



29.6798, 25.5056, 27.3835

Triad

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



28.9850, 25.5056, 35.2937



24.1065, 25.5056, 15.6248



20.1675, 25.5056, 36.0913

Complementary

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



28.9850, 25.5056, 35.2937



26.3319, 32.7849, 27.4960

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.



19.5131, 25.5056, 28.1626



28.9850, 25.5056, 35.2937



21.6827, 25.5056, 17.1306

Square

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



28.9850, 25.5056, 35.2937



26.7435, 25.5056, 16.8498



20.0474, 25.5056, 21.4017



21.9022, 25.5056, 42.6149

Rectangle

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



28.9850, 25.5056, 35.2937



29.2781, 25.5056, 22.7686



20.0474, 25.5056, 21.4017



19.8198, 25.5056, 33.4577

Sweetspot

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



28.9858, 25.5067, 35.2942



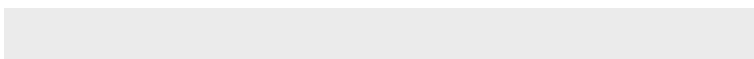
60.0643, 59.9893, 70.2803



24.0884, 22.9110, 38.2750



13.0676, 12.9971, 15.3140



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.



28.9858, 25.5067, 35.2942



50.5502, 42.5503, 62.2098



27.5396, 24.9283, 27.6790



7.3066, 7.1791, 8.6009



14.9999, 7.3560, 17.7219



0.3292, 0.1602, 0.4460

Inverse Universe

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



28.9858, 25.5067, 35.2942



50.5502, 42.5503, 62.2098



27.7195, 33.3399, 34.8026



7.3066, 7.1791, 8.6009



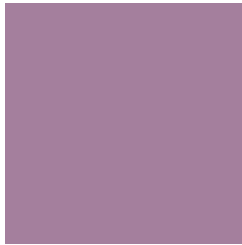
14.9999, 7.3560, 17.7219



0.3292, 0.1602, 0.4460

Previews

White Background



This preview shows how the XYZ color 28.9850, 25.5056, 35.2937 looks on a white background.

Color Contrast Check

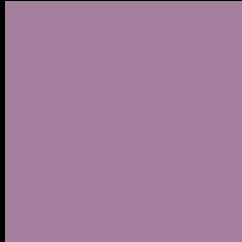
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9850, 25.5056, 35.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

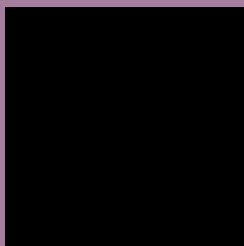
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9850, 25.5056, 35.2937

Background



This preview shows how black text looks on a background with the XYZ color 28.9850, 25.5056, 35.2937.



This preview shows how white text looks on a background with the XYZ color 28.9850, 25.5056,

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

28.9850, 25.5056, 35.2937

Protanopia

25.3194, 25.5582, 38.7207

Deuteranopia

26.1663, 25.6575, 35.0258



Tritanopia

27.6165, 25.5401, 28.2851

Trichromacy



Original Color
28.9850, 25.5056, 35.2937

Protanomaly
26.3222, 25.2776, 37.2099

Deuteranomaly
27.0145, 25.4821, 34.9472

Tritanomaly
28.1428, 25.5624, 30.6449

Monochromacy



Original Color
28.9850, 25.5056, 35.2937

Achromatopsia
25.3171, 26.6356, 29.0061

Achromatomaly
26.4650, 26.1045, 31.2476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9850, 25.5056, 35.2937 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(164, 127, 157) looks like.

```
.text, #text, p{  
    color:rgb(164, 127, 157)  
}
```

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(164, 127, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 127, 157) }
```

Border

The CSS property to change the border of an element to XYZ 28.9850, 25.5056, 35.2937 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(164, 127, 157) }
```


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

```
.border{ border-color:rgb(164, 127, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 127, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 127, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 127, 157);  
box-shadow:4px 4px 4px 4px rgb(164, 127,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9850, 25.5056, 35.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 127, 157) }
```

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

```
.background{ background-color: rgb(164,  
127, 157) }
```

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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