

Converting Colors

XYZ(28.0350, 21.9803, 29.5531)

Have a look what the booklet for
XYZ(28.0350, 21.9803, 29.5531)
contains.

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Color

**XYZ(28.0350, 21.9803,
29.5531)**

Conversions

Conversions Part 1

Format	Color
Hex	AE6D91
RGB	174, 109, 145
RGB Percent	68%, 43%, 57%
CMY	0.3176, 0.5725, 0.4314
CMYK	0.00, 0.37, 0.17, 0.32
HSL	327°, 29%, 55%
HSV	327°, 37%, 68%
XYZ	28.0350, 21.9803, 29.5531
YIQ	132.5390, 27.1840, 24.9760

Conversions

Conversions Part 2

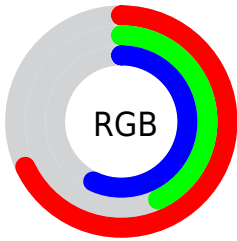
Format	Color
RYB	174, 109, 145
Decimal	11431313
CIELab	54.01, 31.08, -8.79
CIELCh	54, 32.300, 344.205
Yxy	21.9803, 0.3523, 0.2762
Android (android.graphics.Color)	4289621393 (0xFFAE6D91)
YUV	132.5390, 6.1433, 36.3613
Hunter-Lab	46.8832, 24.6932, -4.5556

Details

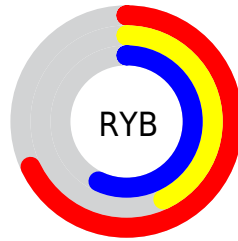
The XYZ color **28.0350, 21.9803, 29.5531** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.0311, 35.3588, 29.4993**, and the grayscale version is **22.0991, 23.2499, 25.3192**.

A 20% lighter version of the original color is **56.1841, 46.9531, 60.1345**, and **11.4271, 8.0510, 11.7782** is the 20% darker color. If you saturate the color by 10%, you get **25.7810, 18.3976, 25.9485**, and if you desaturate by 10%, it is **30.6986, 26.3162, 33.4965**.

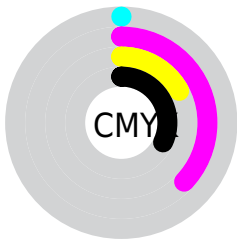
Distribution



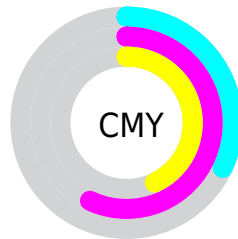
- Red (68%)
- Green (43%)
- Blue (57%)



- Red (68%)
- Yellow (43%)
- Blue (57%)



- Cyan (0%)
- Magenta (37%)
- Yellow (17%)
- Black (32%)





- Cyan (32%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0350, 21.9803, 29.5531 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 28.0350, 21.9803, 29.5531 by changing the saturation by 10% instead.


 28.0350, 21.9803,
29.5531


 28.0350, 21.9803,
29.5531


284.7112,
262.4434, 313.9580


 18.4926, 13.8424,
19.2505


 55.9486, 46.7134,
60.0073


 11.4061, 8.0112,
11.6728

 75.0505, 64.0775,
80.9960

 6.4100, 4.1021,
6.4014


 98.0696, 85.2857,
106.3838

 3.1389, 1.7308,
3.0180

 125.3713,
110.7225, 136.5892

 1.2277, 0.4435,
1.1038

157.3210,
140.7723, 172.0308

 0.1280, 0.0000,
0.0000

194.2840,

 0.0000, 0.0000,

175.8194, 213.1271

0.0000

236.6256,
216.2483, 260.2966

■ 28.0350, 21.9803,
29.5531

■ 28.0350, 21.9803,
29.5531

■ 25.7810, 18.3976,
25.9485

■ 30.6986, 26.3162,
33.4965

■ 23.9121, 15.5212,
22.6700

■ 33.7908, 31.4427,
37.7883

■ 22.4040, 13.3036,
19.7054


■ 37.3313, 37.3981,
42.4392


■ 21.2287, 11.6901,
17.0413

■ 41.3385, 44.2174,
47.4587


■ 20.3537, 10.6171,
14.6623


■ 45.8293, 51.9338,
52.8563


 19.7301, 9.9885,
12.5476

 50.8199, 60.5783,
58.6408

 19.5838, 9.8500,
12.0238

 56.3259, 70.1809,
64.8208

 62.3618, 80.7698,
71.4045

 65.4649, 85.4184,
77.2409

Harmonies

Analogous

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



25.9270, 21.9803, 40.5176



28.0350, 21.9803, 29.5531



28.0937, 21.9803, 19.5208

Triad

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



28.0350, 21.9803, 29.5531



19.2882, 21.9803, 9.7207



16.4419, 21.9803, 39.9842

Complementary

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



28.0350, 21.9803, 29.5531



26.0311, 35.3588, 29.4993

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.



15.0394, 21.9803, 28.9640



28.0350, 21.9803, 29.5531



16.5544, 21.9803, 12.6326

Square

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



28.0350, 21.9803, 29.5531



22.7715, 21.9803, 9.7966



15.0781, 21.9803, 19.0745



19.1181, 21.9803, 47.5907

Rectangle

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



28.0350, 21.9803, 29.5531



26.9458, 21.9803, 14.6751



15.0781, 21.9803, 19.0745



15.8198, 21.9803, 36.4403

Sweetspot

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



28.0356, 21.9813, 29.5535



65.1502, 63.5051, 73.6619



23.4535, 19.3270, 42.5389



14.2903, 13.7949, 16.1231



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.0356, 21.9813, 29.5535



47.3538, 34.2970, 48.0466



25.9244, 21.1368, 18.4361



8.1839, 8.0868, 9.2791



14.2345, 7.1563, 8.8802



0.4230, 0.2099, 0.3893

Inverse Universe

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



28.0356, 21.9813, 29.5535



47.3538, 34.2970, 48.0466



28.6676, 36.4134, 43.3829



8.1839, 8.0868, 9.2791



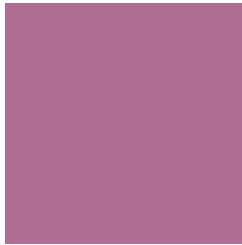
14.2345, 7.1563, 8.8802



0.4230, 0.2099, 0.3893

Previews

White Background



This preview shows how the XYZ color 28.0350, 21.9803, 29.5531 looks on a white background.

Color Contrast Check

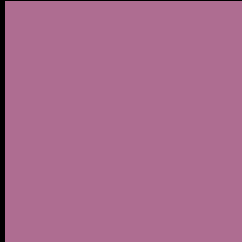
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0350, 21.9803, 29.5531 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 28.0350, 21.9803, 29.5531

Background



This preview shows how black text looks on a background with the XYZ color 28.0350, 21.9803, 29.5531.



This preview shows how white text looks on a background with the XYZ color 28.0350, 21.9803,

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

28.0350, 21.9803, 29.5531

Protanopia

22.0591, 22.1179, 35.4543

Deuteranopia

22.4967, 22.1089, 28.6729



Tritanopia

26.2126, 21.8733, 21.2528

Trichromacy



Original Color

28.0350, 21.9803, 29.5531

Protanomaly

23.7425, 21.7254, 33.0791

Deuteranomaly

24.2521, 21.9001, 28.9355

Tritanomaly

26.8367, 21.9707, 23.9454

Monochromacy



Original Color

28.0350, 21.9803, 29.5531

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.9358, 22.5173, 26.7516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0350, 21.9803, 29.5531 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(174, 109, 145)` looks like.

```
.text, #text, p{  
    color:rgb(174, 109, 145)  
}
```

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(174, 109, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 109, 145) }
```

Border

The CSS property to change the border of an element to XYZ 28.0350, 21.9803, 29.5531 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(174, 109, 145) }
```


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

```
.border{ border-color:rgb(174, 109, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 109, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 109, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 109, 145);  
box-shadow:4px 4px 4px 4px rgb(174, 109,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0350, 21.9803, 29.5531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 109, 145) }
```

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

```
.background{ background-color: rgb(174,  
109, 145) }
```

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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