

Converting Colors

XYZ(28.9025, 22.1687, 35.4083)

Have a look what the booklet for
XYZ(28.9025, 22.1687, 35.4083)
contains.

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Color

**XYZ(28.8542, 22.1126,
35.5483)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6C9F
RGB	173, 108, 159
RGB Percent	68%, 42%, 62%
CMY	0.3216, 0.5765, 0.3765
CMYK	0.00, 0.38, 0.08, 0.32
HSL	313°, 28%, 55%
HSV	313°, 38%, 68%
XYZ	28.8542, 22.1126, 35.5483
YIQ	133.2490, 22.3690, 29.6410

Conversions

Conversions Part 2

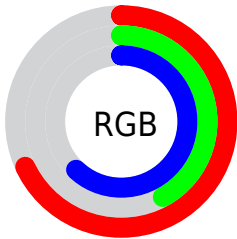
Format	Color
R _Y B	173, 108, 159
Decimal	11365535
CIE _{Lab}	54.15, 33.69, -16.77
CIE _{LCh}	54, 37.632, 333.530
Yxy	22.1126, 0.3335, 0.2556
Android (android.graphics.Color)	4289555615 (0xFFAD6C9F)
YUV	133.2490, 12.6952, 34.8616
Hunter-Lab	47.0240, 27.2365, -11.9041

Details

The XYZ color **28.8542, 22.1126, 35.5483** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.6418, 34.4812, 23.7706**, and the grayscale version is **22.3351, 23.4983, 25.5897**.

A 20% lighter version of the original color is **57.1956, 47.0028, 69.6762**, and **11.7746, 8.0096, 14.8353** is the 20% darker color. If you saturate the color by 10%, you get **26.8891, 18.6918, 33.3219**, and if you desaturate by 10%, it is **31.1924, 26.2633, 37.9476**.

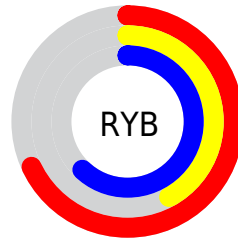
Distribution



Red (68%)

Green (42%)

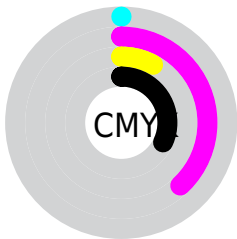
Blue (62%)



Red (68%)

Yellow (42%)

Blue (62%)

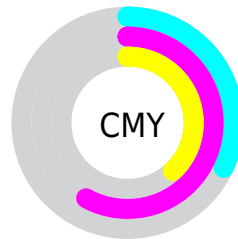


Cyan (0%)

Magenta (38%)

Yellow (8%)

Black (32%)



Cyan (32%)


Magenta (58%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8542, 22.1126, 35.5483 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 28.8542, 22.1126, 35.5483 by changing the saturation by 10% instead.

 28.8542, 22.1126,
35.5483


 28.8542, 22.1126,
35.5483


288.5330,
263.1337, 341.9594


 19.1143, 13.9397,
23.7986


 57.2445, 46.9320,
69.4955


 11.8574, 8.0787,
14.9735


 76.6256, 64.3473,
92.5301

 6.7181, 4.1454,
8.6544


 99.9512, 85.6122,
120.1634

 3.3312, 1.7552,
4.4227

 127.5865,
111.1110, 152.8139

 1.3312, 0.4590,
1.8600

159.8970,
141.2281, 190.9002

 0.2064, 0.0000,
0.4671

197.2481,

 0.0000, 0.0000,

176.3481, 234.8409

0.0000

240.0049,
216.8551, 285.0545

■ 28.8542, 22.1126,
35.5483

■ 28.8542, 22.1126,
35.5483

■ 26.8891, 18.6918,
33.3219

■ 31.1924, 26.2633,
37.9476

■ 25.2735, 15.9549,
31.2595

■ 33.9216, 31.1806,
40.5255

■ 23.9842, 13.8553,
29.3532

■ 37.0608, 36.9020,
43.2890

■ 22.9942, 12.3391,
27.5934

■ 40.6273, 43.4619,
46.2443

■ 22.2722, 11.3437,
25.9694

■ 44.6372, 50.8926,
49.3971

■ 21.7692, 10.7715,
24.4643

■ 49.1060, 59.2248,
52.7530

■ 21.6590, 10.6544,
24.1095

■ 54.0482, 68.4875,
56.3172

■ 59.4778, 78.7086,
60.0948

■ 62.5680, 84.2340,
63.1438

Harmonies

Analogous

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



25.6571, 22.1126, 48.0919



28.8542, 22.1126, 35.5483



29.8636, 22.1126, 22.7193

Triad

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



28.8542, 22.1126, 35.5483



20.5378, 22.1126, 7.8899



15.1308, 22.1126, 38.7478

Complementary

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



28.8542, 22.1126, 35.5483



24.6418, 34.4812, 23.7706

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.



14.1173, 22.1126, 25.4875



28.8542, 22.1126, 35.5483



16.9737, 22.1126, 9.7810

Square

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



28.8542, 22.1126, 35.5483



24.7129, 22.1126, 9.0413



14.7459, 22.1126, 15.3842



17.7099, 22.1126, 50.3205

Rectangle

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



28.8542, 22.1126, 35.5483



29.0649, 22.1126, 16.1725



14.7459, 22.1126, 15.3842



14.6120, 22.1126, 34.2106

Sweetspot

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



28.8549, 22.1136, 35.5488



64.2503, 62.2073, 75.6960



20.7916, 17.8084, 41.8772



13.8027, 13.2266, 16.3099



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.8549, 22.1136, 35.5488



48.7375, 34.4767, 60.3667



26.4605, 21.1558, 22.9399



8.2621, 8.1181, 9.6910



15.9332, 7.8358, 17.8257



0.4614, 0.2253, 0.5917

Inverse Universe

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



28.8549, 22.1136, 35.5488



48.7375, 34.4767, 60.3667



26.9200, 35.3925, 35.7674



8.2621, 8.1181, 9.6910



15.9332, 7.8358, 17.8257



0.4614, 0.2253, 0.5917

Previews

White Background



This preview shows how the XYZ color 28.8542, 22.1126, 35.5483 looks on a white background.

Color Contrast Check

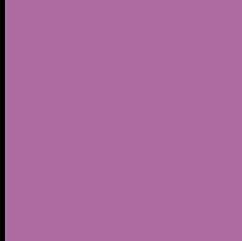
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8542, 22.1126, 35.5483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

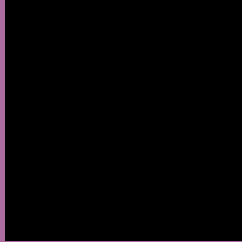
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8542, 22.1126, 35.5483

Background



This preview shows how black text looks on a background with the XYZ color 28.8542, 22.1126, 35.5483.



This preview shows how white text looks on a background with the XYZ color 28.8542, 22.1126,

35.5483.

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

28.8542, 22.1126, 35.5483

Protanopia

22.6953, 22.2762, 43.1480

Deuteranopia

22.7960, 22.3249, 34.5601



Tritanopia

26.1310, 22.1517, 21.9672

Trichromacy



Original Color

28.8542, 22.1126, 35.5483

Protanomaly

24.3153, 21.8577, 40.4735

Deuteranomaly

24.6563, 21.9783, 34.8410

Tritanomaly

26.8871, 21.9405, 26.4848

Monochromacy



Original Color

28.8542, 22.1126, 35.5483

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.3029, 22.6642, 28.6849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8542, 22.1126, 35.5483 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(173, 108, 159)` looks like.

```
.text, #text, p{  
    color:rgb(173, 108, 159)  
}
```

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(173, 108, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 108, 159) }
```

Border

The CSS property to change the border of an element to XYZ 28.8542, 22.1126, 35.5483 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(173, 108, 159) }
```


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

```
.border{ border-color:rgb(173, 108, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 108, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 108, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 108, 159);  
box-shadow:4px 4px 4px 4px rgb(173, 108,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8542, 22.1126, 35.5483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 108, 159) }
```

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

```
.background{ background-color: rgb(173,  
108, 159) }
```

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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