

Converting Colors

XYZ(27.3485, 22.4889, 42.9466)

Have a look what the booklet for
XYZ(27.3485, 22.4889, 42.9466)
contains.

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Color

**XYZ(27.4029, 22.5153,
42.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	9B74AE
RGB	155, 116, 174
RGB Percent	61%, 45%, 68%
CMY	0.3922, 0.5451, 0.3176
CMYK	0.11, 0.33, 0.00, 0.32
HSL	280°, 26%, 57%
HSV	280°, 33%, 68%
XYZ	27.4029, 22.5153, 42.9460
YIQ	134.2730, 4.6260, 26.3060

Conversions

Conversions Part 2

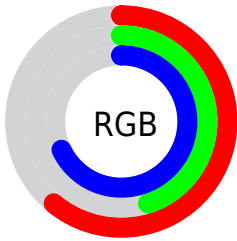
Format	Color
R _Y B	155, 116, 174
Decimal	10187950
CIE Lab	54.57, 26.13, -25.00
CIE LCh	55, 36.166, 316.266
Yxy	22.5153, 0.2951, 0.2425
Android (android.graphics.Color)	4288378030 (0xFF9B74AE)
YUV	134.2730, 19.5854, 18.1776
Hunter-Lab	47.4503, 20.0471, -20.4466

Details

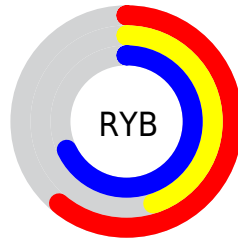
The XYZ color **27.4029, 22.5153, 42.9460** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.2809, 36.6845, 22.1142**, and the grayscale version is **22.6900, 23.8716, 25.9962**.

A 20% lighter version of the original color is **54.8639, 47.4201, 81.1243**, and **11.0519, 8.2784, 19.1045** is the 20% darker color. If you saturate the color by 10%, you get **24.5139, 18.3226, 42.2894**, and if you desaturate by 10%, it is **30.7207, 27.4878, 43.7313**.

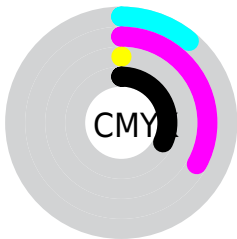
Distribution



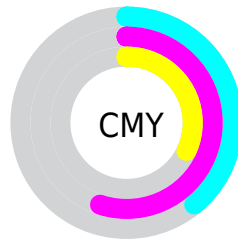
- Red (61%)
- Green (45%)
- Blue (68%)



- Red (61%)
- Yellow (45%)
- Blue (68%)



- Cyan (11%)
- Magenta (33%)
- Yellow (0%)
- Black (32%)





- Cyan (39%)
- Magenta (55%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4029, 22.5153, 42.9460 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 27.4029, 22.5153, 42.9460 by changing the saturation by 10% instead.


 27.4029, 22.5153,
42.9460


 27.4029, 22.5153,
42.9460


281.7347,
265.2256, 374.3043


 18.0142, 14.2360,
29.5117


 54.9451, 47.5962,
80.9148

 11.0599, 8.2850,
19.2193


 73.8292, 65.1666,
106.2864

 6.1747, 4.2779,
11.6504


 96.6092, 86.6029,
136.4742

 2.9933, 1.8302,
6.3865

123.6505,
112.2894, 171.8967

 1.1502, 0.5059,
3.0089

155.3183,
142.6105, 212.9724

 0.0665, 0.0000,
1.0992

191.9780,

 0.0000, 0.0000,

177.9507, 260.1198

0.0000

233.9951,
218.6942, 313.7577

■ 27.4029, 22.5153,
42.9460

■ 27.4029, 22.5153,
42.9460

■ 24.5139, 18.3226,
42.2894

■ 30.7207, 27.4878,
43.7313

■ 22.0297, 14.8646,
41.7528

■ 34.4852, 33.2765,
44.6502

■ 19.9272, 12.0955,
41.3291

■ 38.7158, 39.9186,
45.7093

■ 18.1801, 9.9634,
41.0097

■ 43.4302, 47.4485,
46.9142

■ 16.7577, 8.4087,
40.7846

■ 48.6448, 55.8985,
48.2704

■ 15.6240, 7.3600,
40.6419

■ 54.3757, 65.2992,
49.7829

■ 14.9762, 6.8379,
40.5753

■ 60.6378, 75.6799,
51.4565

■ 67.3806, 86.9384,
53.2742

■ 68.9376, 87.7411,
53.3471

Harmonies

Analogous

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



23.6101, 22.5153, 52.0587



27.4029, 22.5153, 42.9460



29.7044, 22.5153, 30.0802

Triad

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



27.4029, 22.5153, 42.9460



23.2640, 22.5153, 8.8211



14.8770, 22.5153, 31.1624

Complementary

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



27.4029, 22.5153, 42.9460



28.2809, 36.6845, 22.1142

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.



14.8086, 22.5153, 19.6829



27.4029, 22.5153, 42.9460



19.3325, 22.5153, 8.9482

Square

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



27.4029, 22.5153, 42.9460



27.1226, 22.5153, 11.8693



16.3450, 22.5153, 12.2955



16.5451, 22.5153, 43.9464

Rectangle

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



27.4029, 22.5153, 42.9460



29.9197, 22.5153, 22.2059



16.3450, 22.5153, 12.2955



14.6740, 22.5153, 26.9796

Sweetspot

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



27.4036, 22.5162, 42.9465



64.8805, 63.9905, 81.5687



23.5538, 24.1910, 43.4727



14.1921, 13.8659, 18.0727



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.



27.4036, 22.5162, 42.9465



45.7677, 35.0984, 76.9993



30.4326, 24.1827, 38.3443



8.0782, 8.0146, 10.0739



10.9266, 4.9927, 29.4323



0.3583, 0.1669, 0.8213

Inverse Universe

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



28.0748, 23.2396, 25.9286



47.3655, 36.7288, 40.6254



26.0837, 35.4834, 25.1013



8.1094, 8.0570, 8.8868



13.2211, 6.7510, 3.5437



0.3934, 0.1980, 0.2334

Previews

White Background



This preview shows how the XYZ color 27.4029, 22.5153, 42.9460 looks on a white background.

Color Contrast Check

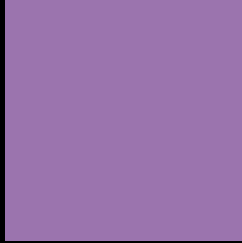
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4029, 22.5153, 42.9460 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 27.4029, 22.5153, 42.9460

Background



This preview shows how black text looks on a background with the XYZ color 27.4029, 22.5153, 42.9460.



This preview shows how white text looks on a background with the XYZ color 27.4029, 22.5153,

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

27.4029, 22.5153, 42.9460

Protanopia

23.4414, 22.7386, 48.5009

Deuteranopia

23.1818, 22.7440, 42.1979



Tritanopia

23.9052, 22.5261, 25.6423

Trichromacy



Original Color

27.4029, 22.5153, 42.9460

Protanomaly

24.4991, 22.3777, 46.2081

Deuteranomaly

24.4233, 22.4190, 42.5752

Tritanomaly

25.0247, 22.4240, 31.4431

Monochromacy



Original Color

27.4029, 22.5153, 42.9460

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.1695, 23.0995, 31.6185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4029, 22.5153, 42.9460 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(155, 116, 174)` looks like.

```
.text, #text, p{  
    color:rgb(155, 116, 174)  
}
```

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(155, 116, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 116, 174) }
```

Border

The CSS property to change the border of an element to XYZ 27.4029, 22.5153, 42.9460 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(155, 116, 174) }
```


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

```
.border{ border-color:rgb(155, 116, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 116, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 116, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 116, 174);  
box-shadow:4px 4px 4px 4px rgb(155, 116,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4029, 22.5153, 42.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 116, 174) }
```

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

```
.background{ background-color: rgb(155,  
116, 174) }
```

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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