

Converting Colors

XYZ(27.9240, 22.9576, 43.9158)

Have a look what the booklet for
XYZ(27.9240, 22.9576, 43.9158)
contains.

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Color

**XYZ(27.9081, 22.9251,
44.0284)**

Conversions

Conversions Part 1

Format	Color
Hex	9C75B0
RGB	156, 117, 176
RGB Percent	61%, 46%, 69%
CMY	0.3882, 0.5412, 0.3098
CMYK	0.11, 0.34, 0.00, 0.31
HSL	280°, 27%, 57%
HSV	280°, 34%, 69%
XYZ	27.9081, 22.9251, 44.0284
YIQ	135.3870, 4.3050, 26.6170

Conversions

Conversions Part 2

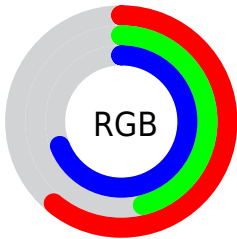
Format	Color
R _Y B	156, 117, 176
Decimal	10253744
CIE Lab	55.00, 26.31, -25.49
CIE LCh	55, 36.636, 315.912
Yxy	22.9251, 0.2942, 0.2417
Android (android.graphics.Color)	4288443824 (0xFF9C75B0)
YUV	135.3870, 20.0222, 18.0776
Hunter-Lab	47.8802, 20.2527, -21.0042

Details

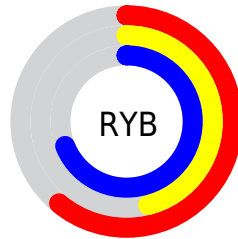
The XYZ color **27.9081, 22.9251, 44.0284** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.0535, 37.6540, 22.5673**, and the grayscale version is **23.1003, 24.3033, 26.4663**.

A 20% lighter version of the original color is **55.8042, 48.4245, 82.7496**, and **11.3512, 8.5074, 19.7827** is the 20% darker color. If you saturate the color by 10%, you get **24.9209, 18.6223, 43.3557**, and if you desaturate by 10%, it is **31.3390, 28.0301, 44.8333**.

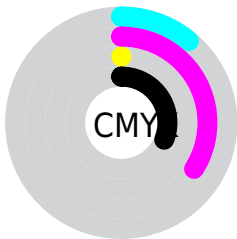
Distribution



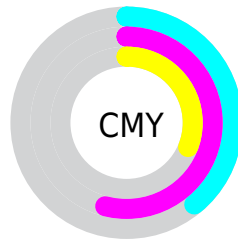
- Red (61%)
- Green (46%)
- Blue (69%)



- Red (61%)
- Yellow (46%)
- Blue (69%)



- Cyan (11%)
- Magenta (34%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (54%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9081, 22.9251, 44.0284 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 27.9081, 22.9251, 44.0284 by changing the saturation by 10% instead.

■ 27.9081, 22.9251,
44.0284

■ 27.9081, 22.9251,
44.0284

284.1156,
267.3401, 378.8689

■ 18.3965, 14.5382,
30.3555

■ 55.7474, 48.2703,
82.5634

■ 11.3364, 8.4959,
19.8542

■ 74.8057, 65.9974,
108.2626

■ 6.3626, 4.4139,
12.1061

■ 97.7770, 87.6067,
138.8076

■ 3.1095, 1.9077,
6.6926

125.0267,
113.4826, 174.6169

■ 1.2119, 0.5530,
3.1951

156.9200,
144.0095, 216.1092

■ 0.1158, 0.0000,
1.1951

193.8224,

■ 0.0000, 0.0000,

179.5718, 263.7029

0.0000

236.0991,
220.5538, 317.8167

■ 27.9081, 22.9251,
44.0284

■ 27.9081, 22.9251,
44.0284

■ 24.9209, 18.6223,
43.3557

■ 31.3390, 28.0301,
44.8333

■ 22.3528, 15.0751,
42.8064

■ 35.2322, 33.9748,
45.7755

■ 20.1798, 12.2365,
42.3730

■ 39.6078, 40.7977,
46.8619

■ 18.3745, 10.0527,
42.0466

■ 44.4839, 48.5340,
48.0981

■ 16.9054, 8.4621,
41.8170

■ 49.8777, 57.2171,
49.4899

■ 15.7351, 7.3911,
41.6720

■ 55.8057, 66.8786,
51.0423

■ 15.0843, 6.8710,
41.6059

■ 62.2833, 77.5487,
52.7604

■ 68.4246, 87.4539,
54.3486

■ 70.0886, 88.3118,
54.4265

Harmonies

Analogous

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



24.0064, 22.9251, 53.3151



27.9081, 22.9251, 44.0284



30.2958, 22.9251, 30.8241

Triad

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



27.9081, 22.9251, 44.0284



23.7506, 22.9251, 8.9227



15.0967, 22.9251, 31.6245

Complementary

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



27.9081, 22.9251, 44.0284



29.0535, 37.6540, 22.5673

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.



15.0463, 22.9251, 19.8938



27.9081, 22.9251, 44.0284



19.7136, 22.9251, 9.0160

Square

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



27.9081, 22.9251, 44.0284



27.7008, 22.9251, 12.0757



16.6379, 22.9251, 12.3894



16.7856, 22.9251, 44.7693

Rectangle

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



27.9081, 22.9251, 44.0284



30.5378, 22.9251, 22.7233



16.6379, 22.9251, 12.3894



14.8954, 22.9251, 27.3422

Sweetspot

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



27.9089, 22.9261, 44.0289



66.4554, 65.5785, 83.6506



24.2118, 24.9941, 44.6229



14.1725, 13.8558, 18.0718



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.



27.9089, 22.9261, 44.0289



46.6477, 35.8338, 78.9533



31.2554, 24.7492, 39.7622



8.5647, 8.4996, 10.6955



11.1318, 5.0745, 30.5297



0.4095, 0.1902, 0.9634

Inverse Universe

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



28.7819, 23.7598, 26.7369



48.6628, 37.6891, 42.1568



26.6185, 36.3357, 25.2995



8.6113, 8.5512, 9.4514



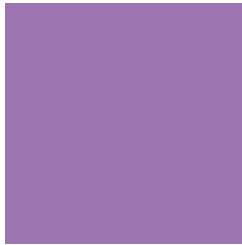
13.7536, 7.0190, 3.8627



0.4607, 0.2320, 0.2687

Previews

White Background



This preview shows how the XYZ color 27.9081, 22.9251, 44.0284 looks on a white background.

Color Contrast Check

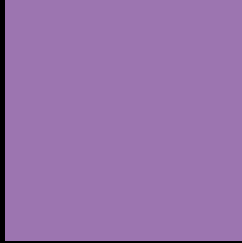
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9081, 22.9251, 44.0284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

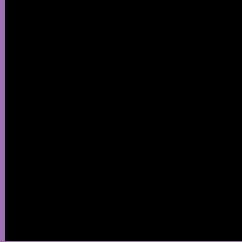
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9081, 22.9251, 44.0284

Background



This preview shows how black text looks on a background with the XYZ color 27.9081, 22.9251, 44.0284.



This preview shows how white text looks on a background with the XYZ color 27.9081, 22.9251,

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

27.9081, 22.9251, 44.0284

Protanopia

23.7850, 23.0878, 49.6572

Deuteranopia

23.6487, 23.1588, 43.2681



Tritanopia

24.2845, 22.9005, 26.0620

Trichromacy



Original Color

27.9081, 22.9251, 44.0284

Protanomaly

24.8304, 22.7118, 47.3311

Deuteranomaly

24.9030, 22.8307, 43.6517

Tritanomaly

25.4134, 22.7965, 31.9149

Monochromacy



Original Color

27.9081, 22.9251, 44.0284

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.5519, 23.4800, 32.0922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9081, 22.9251, 44.0284 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(156, 117, 176)` looks like.

```
.text, #text, p{  
    color:rgb(156, 117, 176)  
}
```

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(156, 117, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 117, 176) }
```

Border

The CSS property to change the border of an element to XYZ 27.9081, 22.9251, 44.0284 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(156, 117, 176) }
```


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

```
.border{ border-color:rgb(156, 117, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 117, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 117, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 117, 176);  
box-shadow:4px 4px 4px 4px rgb(156, 117,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9081, 22.9251, 44.0284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 117, 176) }
```

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

```
.background{ background-color: rgb(156,  
117, 176) }
```

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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