

Converting Colors

XYZ(27.0318, 22.8597, 49.5072)

Have a look what the booklet for
XYZ(27.0318, 22.8597, 49.5072)
contains.

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Color

**XYZ(27.0810, 22.9074,
49.4486)**

Conversions

Conversions Part 1

Format	Color
Hex	9078BA
RGB	144, 120, 186
RGB Percent	56%, 47%, 73%
CMY	0.4353, 0.5294, 0.2706
CMYK	0.23, 0.35, 0.00, 0.27
HSL	262°, 32%, 60%
HSV	262°, 35%, 73%
XYZ	27.0810, 22.9074, 49.4486
YIQ	134.7000, -6.8820, 25.6140

Conversions

Conversions Part 2

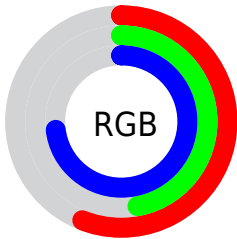
Format	Color
RYB	144, 120, 186
Decimal	9468090
CIELab	54.98, 23.08, -31.36
CIELCh	55, 38.934, 306.352
Yxy	22.9074, 0.2723, 0.2304
Android (android.graphics.Color)	4287658170 (0xFF9078BA)
YUV	134.7000, 25.2909, 8.1561
Hunter-Lab	47.8617, 17.2406, -27.7527

Details

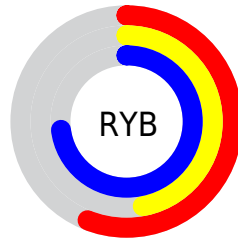
The XYZ color **27.0810, 22.9074, 49.4486** is a light color, and the websafe version is hex **996699**. A complement of this color would be **35.8499, 44.1557, 24.4036**, and the grayscale version is **22.8299, 24.0189, 26.1566**.

A 20% lighter version of the original color is **54.3327, 48.0580, 90.4169**, and **10.9005, 8.4752, 23.2517** is the 20% darker color. If you saturate the color by 10%, you get **23.0976, 17.8499, 48.6827**, and if you desaturate by 10%, it is **31.7173, 28.9475, 50.3705**.

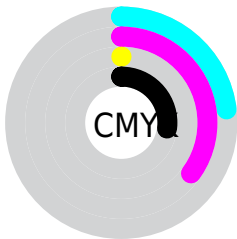
Distribution



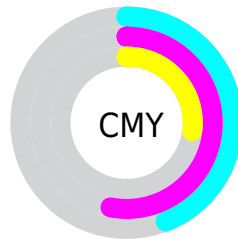
- Red (56%)
- Green (47%)
- Blue (73%)



- Red (56%)
- Yellow (47%)
- Blue (73%)



- Cyan (23%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)



- Cyan (44%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0810, 22.9074, 49.4486 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 27.0810, 22.9074, 49.4486 by changing the saturation by 10% instead.

■ 27.0810, 22.9074,
49.4486

■ 27.0810, 22.9074,
49.4486

280.2095,
267.2490, 401.1788

■ 17.7710, 14.5251,
34.6074

■ 54.4328, 48.2412,
90.7452

■ 10.8844, 8.4868,
23.0795

■ 73.2053, 65.9616,
118.0377

■ 6.0559, 4.4080,
14.4463

■ 95.8626, 87.5635,
150.3177

■ 2.9201, 1.9043,
8.2895

122.7701,
113.4312, 188.0037

■ 1.1116, 0.5510,
4.1903

154.2932,
143.9493, 231.5143

■ 0.0348, 0.0000,
1.7303

190.7972,

■ 0.0000, 0.0000,

179.5020, 281.2679

0.3814

232.6476,
220.4738, 337.6833

■ 0.0000, 0.0000,
0.0000

■ 27.0810, 22.9074,
49.4486

■ 27.0810, 22.9074,
49.4486

■ 23.0976, 17.8499,
48.6827

■ 31.7173, 28.9475,
50.3705

■ 19.7327, 13.7182,
48.0626

■ 37.0337, 36.0171,
51.4548

■ 16.9523, 10.4540,
47.5791

■ 43.0585, 44.1634,
52.7097

■ 14.7178, 7.9909,
47.2214

■ 49.8180, 53.4300,
54.1421

■ 12.9850, 6.2521,
46.9771

■ 57.3368, 63.8577,
55.7585

■ 11.7006, 5.1434,
46.8308

■ 65.6384, 75.4855,
57.5654

■ 11.2217, 4.7611,
46.7823

■ 74.7452, 88.3504,
59.5686

■ 80.1161, 93.3625,
60.2529

■ 84.2373, 95.4871,
60.4458

Harmonies

Analogous

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



22.7054, 22.9074, 56.8727



27.0810, 22.9074, 49.4486



30.3095, 22.9074, 35.7621

Triad

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



27.0810, 22.9074, 49.4486



25.2802, 22.9074, 8.8730



14.5121, 22.9074, 27.6698

Complementary

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



27.0810, 22.9074, 49.4486



35.8499, 44.1557, 24.4036

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.



15.0115, 22.9074, 16.5598



27.0810, 22.9074, 49.4486



20.8661, 22.9074, 7.9748

Square

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



27.0810, 22.9074, 49.4486



29.1773, 22.9074, 13.3250



17.2079, 22.9074, 10.2620



15.7407, 22.9074, 41.8817

Rectangle

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



27.0810, 22.9074, 49.4486



31.1667, 22.9074, 26.4880



17.2079, 22.9074, 10.2620



14.4861, 22.9074, 23.4579

Sweetspot

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



27.0818, 22.9083, 49.4491



71.6614, 71.3887, 94.2038



29.6888, 33.6979, 51.3943



15.4592, 15.2868, 20.6784



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.0818, 22.9083, 49.4491



43.0608, 33.8521, 88.4660



33.5072, 26.2207, 49.7498



8.8212, 8.8742, 11.3274



7.6253, 3.2422, 31.4770



0.3379, 0.1499, 1.1129

Inverse Universe

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



33.4884, 26.4815, 37.5294



56.7478, 41.4996, 62.3794



30.1404, 41.2123, 24.1364



9.2386, 9.1058, 10.6038



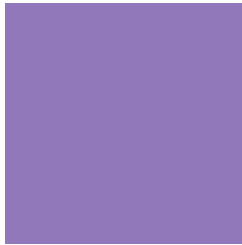
15.8748, 7.9237, 12.4936



0.5882, 0.2908, 0.5910

Previews

White Background



This preview shows how the XYZ color 27.0810, 22.9074, 49.4486 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 27.0810, 22.9074, 49.4486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

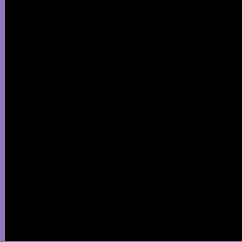
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0810, 22.9074, 49.4486

Background



This preview shows how black text looks on a background with the XYZ color 27.0810, 22.9074, 49.4486.



This preview shows how white text looks on a background with the XYZ color 27.0810, 22.9074,

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

27.0810, 22.9074, 49.4486

Protanopia

24.1506, 23.1753, 54.2393

Deuteranopia

23.5738, 23.0034, 48.5450



Tritanopia

22.7372, 22.8282, 28.0188

Trichromacy



Original Color

27.0810, 22.9074, 49.4486

Protanomaly

24.8909, 22.8209, 52.3832

Deuteranomaly

24.6753, 22.7845, 48.9963

Tritanomaly

24.1941, 22.8450, 35.0326

Monochromacy



Original Color

27.0810, 22.9074, 49.4486

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.2966, 23.7016, 33.8662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0810, 22.9074, 49.4486 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(144, 120, 186)` looks like.

```
.text, #text, p{  
    color:rgb(144, 120, 186)  
}
```

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(144, 120, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 120, 186) }
```

Border

The CSS property to change the border of an element to XYZ 27.0810, 22.9074, 49.4486 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(144, 120, 186) }
```


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

```
.border{ border-color:rgb(144, 120, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 120, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 120, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 120, 186);  
box-shadow:4px 4px 4px 4px rgb(144, 120,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0810, 22.9074, 49.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 120, 186) }
```

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

```
.background{ background-color: rgb(144,  
120, 186) }
```

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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