

Converting Colors

XYZ(28.1029, 24.8371, 44.9078)

Have a look what the booklet for
XYZ(28.1029, 24.8371, 44.9078)
contains.

XYZ(28.1029, 24.8371, 44.9078)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.1029, 24.8371,
44.9078)**

Conversions

Conversions Part 1

Format	Color
Hex	967FB1
RGB	150, 127, 177
RGB Percent	59%, 50%, 69%
CMY	0.4118, 0.5019, 0.3059
CMYK	0.15, 0.28, 0.00, 0.31
HSL	268°, 24%, 60%
HSV	268°, 28%, 69%
XYZ	28.1029, 24.8371, 44.9078
YIQ	139.5770, -2.3420, 20.4260

Conversions

Conversions Part 2

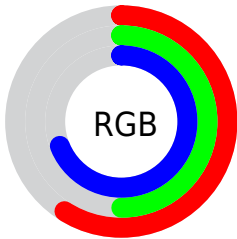
Format	Color
R_{YB}	150, 127, 177
Decimal	9863089
CIE _{Lab}	56.92, 18.81, -23.16
CIE _{LCh}	57, 29.830, 309.081
Yxy	24.8371, 0.2872, 0.2538
Android (android.graphics.Color)	4288053169 (0xFF967FB1)
YUV	139.5770, 18.4495, 9.1410
Hunter-Lab	49.8368, 13.4414, -18.5402

Details

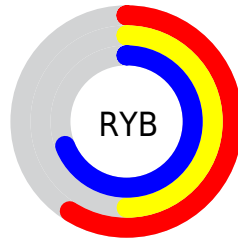
The XYZ color **28.1029, 24.8371, 44.9078** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.8800, 39.8471, 26.0381**, and the grayscale version is **24.6955, 25.9816, 28.2939**.

A 20% lighter version of the original color is **56.2061, 51.5048, 84.0698**, and **11.3995, 9.5007, 20.3018** is the 20% darker color. If you saturate the color by 10%, you get **24.3271, 19.7905, 44.1331**, and if you desaturate by 10%, it is **32.4254, 30.7629, 45.8242**.

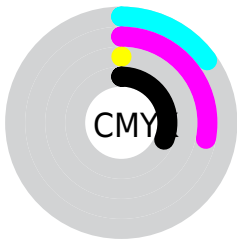
Distribution



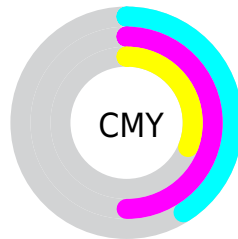
- Red (59%)
- Green (50%)
- Blue (69%)



- Red (59%)
- Yellow (50%)
- Blue (69%)



- Cyan (15%)
- Magenta (28%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1029, 24.8371, 44.9078 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 28.1029, 24.8371, 44.9078 by changing the saturation by 10% instead.

■ 28.1029, 24.8371,
44.9078

■ 28.1029, 24.8371,
44.9078

285.0295,
277.0257, 382.5493

■ 18.5441, 15.9557,
31.0424

■ 56.0562, 51.3928,
83.8990

■ 11.4434, 9.4928,
20.3724

■ 75.1814, 69.8360,
109.8619

■ 6.4354, 5.0640,
12.4793

■ 98.2260, 92.2352,
140.6944

■ 3.1547, 2.2849,
6.9445

125.5556,
118.9748, 176.8150

■ 1.2361, 0.7657,
3.3495

157.5353,
150.4393, 218.6422

■ 0.1346, 0.0000,
1.2757

194.5307,

■ 0.0000, 0.0000,

187.0130, 266.5946

0.0418

236.9069,
229.0804, 321.0908

■ 0.0000, 0.0000,
0.0000

■ 28.1029, 24.8371,
44.9078

■ 28.1029, 24.8371,
44.9078

■ 24.3271, 19.7905,
44.1331

■ 32.4254, 30.7629,
45.8242

■ 21.0711, 15.5762,
43.4913

■ 37.3149, 37.6054,
46.8872

■ 18.3094, 12.1476,
42.9751

■ 42.7936, 45.4038,
48.1037

■ 16.0128, 9.4521,
42.5758

■ 48.8818, 54.1938,
49.4795

■ 14.1487, 7.4301,
42.2838

■ 55.5987, 64.0096,
51.0201

■ 12.6797, 6.0126,
42.0876

■ 62.9625, 74.8834,
52.7308

■ 11.5453, 5.0851,
41.9684

■ 70.9910, 86.8462,
54.6167

■ 11.3654, 4.9423,
41.9503

■ 75.2063, 90.9386,
55.1845

■ 78.2960, 92.5314,
55.3290

Harmonies

Analogous

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



24.6837, 24.8371, 50.8539



28.1029, 24.8371, 44.9078



30.4585, 24.8371, 34.5155

Triad

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



28.1029, 24.8371, 44.9078



26.0891, 24.8371, 12.7530



17.5722, 24.8371, 30.1967

Complementary

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



28.1029, 24.8371, 44.9078



32.8800, 39.8471, 26.0381

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.



17.8685, 24.8371, 20.7359



28.1029, 24.8371, 44.9078



22.5619, 24.8371, 12.1404

Square

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



28.1029, 24.8371, 44.9078



29.2185, 24.8371, 16.6326



19.6180, 24.8371, 14.6836



18.7642, 24.8371, 41.0847

Rectangle

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



28.1029, 24.8371, 44.9078



30.9856, 24.8371, 27.3534



19.6180, 24.8371, 14.6836



17.5038, 24.8371, 26.7357

Sweetspot

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



28.1037, 24.8381, 44.9084



66.9318, 67.4943, 83.9953



28.3273, 30.9638, 46.0789



14.2097, 14.2103, 18.1383



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.



28.1037, 24.8381, 44.9084



45.9378, 38.5807, 79.5209



33.0930, 27.4102, 45.1418



8.4010, 8.4153, 10.6879



8.3031, 3.6162, 30.3974



0.3288, 0.1486, 0.9596

Inverse Universe

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



31.5543, 26.8599, 34.0940



53.3087, 42.9026, 56.2787



28.6831, 37.6836, 25.8416



8.6818, 8.5794, 9.8229



14.6836, 7.3910, 8.7596



0.4911, 0.2442, 0.4286

Previews

White Background



This preview shows how the XYZ color 28.1029, 24.8371, 44.9078 looks on a white background.

Color Contrast Check

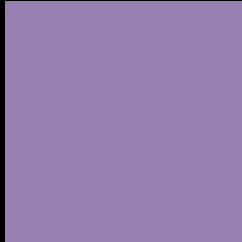
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1029, 24.8371, 44.9078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

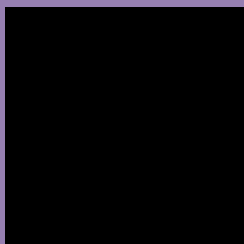
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1029, 24.8371, 44.9078

Background



This preview shows how black text looks on a background with the XYZ color 28.1029, 24.8371, 44.9078.



This preview shows how white text looks on a background with the XYZ color 28.1029, 24.8371,

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

28.1029, 24.8371, 44.9078

Protanopia

25.3796, 24.9578, 48.2794

Deuteranopia

25.4148, 24.8519, 44.5317



Tritanopia

24.9232, 24.7180, 29.8430

Trichromacy



Original Color

28.1029, 24.8371, 44.9078

Protanomaly

26.2646, 24.8253, 47.1235

Deuteranomaly

26.2693, 24.6856, 44.4545

Tritanomaly

25.9711, 24.7439, 34.8597

Monochromacy



Original Color

28.1029, 24.8371, 44.9078

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.9153, 25.5571, 33.7041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1029, 24.8371, 44.9078 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(150, 127, 177)` looks like.

```
.text, #text, p{  
    color:rgb(150, 127, 177)  
}
```

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(150, 127, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 127, 177) }
```

Border

The CSS property to change the border of an element to XYZ 28.1029, 24.8371, 44.9078 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(150, 127, 177) }
```


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

```
.border{ border-color:rgb(150, 127, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 127, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 127, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 127, 177);  
box-shadow:4px 4px 4px 4px rgb(150, 127,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1029, 24.8371, 44.9078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 127, 177) }
```

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

```
.background{ background-color: rgb(150,  
127, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor