

Converting Colors

XYZ(39.0266, 28.2114, 74.3525)

Have a look what the booklet for
XYZ(39.0266, 28.2114, 74.3525)
contains.

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Color

**XYZ(39.1251, 28.2169,
74.6184)**

Conversions

Conversions Part 1

Format	Color
Hex	B576E1
RGB	181, 118, 225
RGB Percent	71%, 46%, 88%
CMY	0.2902, 0.5372, 0.1176
CMYK	0.20, 0.48, 0.00, 0.12
HSL	275°, 64%, 67%
HSV	275°, 48%, 88%
XYZ	39.1251, 28.2169, 74.6184
YIQ	149.0350, 3.2010, 46.6330

Conversions

Conversions Part 2

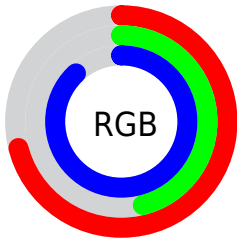
Format	Color
RYB	181, 118, 225
Decimal	11892449
CIELab	60.08, 43.99, -45.15
CIElCh	60, 63.039, 314.257
Yxy	28.2169, 0.2756, 0.1988
Android (android.graphics.Color)	4290082529 (0xFFB576E1)
YUV	149.0350, 37.4507, 28.0333
Hunter-Lab	53.1196, 38.5145, -46.1024

Details

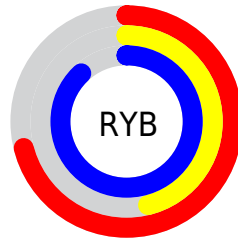
The XYZ color **39.1251, 28.2169, 74.6184** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **45.0963, 62.8404, 26.8933**, and the grayscale version is **28.4293, 29.9099, 32.5718**.

A 20% lighter version of the original color is **68.3991, 55.0758, 101.6334**, and **17.7728, 11.3145, 38.7833** is the 20% darker color. If you saturate the color by 10%, you get **34.6869, 22.4541, 73.7405**, and if you desaturate by 10%, it is **44.3414, 35.3199, 75.7150**.

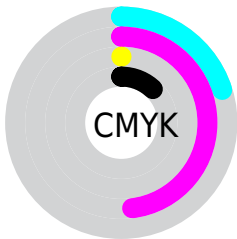
Distribution



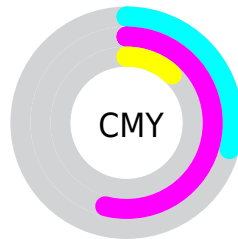
- Red (71%)
- Green (46%)
- Blue (88%)



- Red (71%)
- Yellow (46%)
- Blue (88%)



- Cyan (20%)
- Magenta (48%)
- Yellow (0%)
- Black (12%)





- Cyan (29%)
- Magenta (54%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1251, 28.2169, 74.6184 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 39.1251, 28.2169, 74.6184 by changing the saturation by 10% instead.


 39.1251, 28.2169,
74.6184


 39.1251, 28.2169,
74.6184


333.6201,
293.5019, 495.8253

 27.0382, 18.4892,
54.8005


 73.1222, 56.8305,
127.5142

 17.7387, 11.3018,
38.8445


 95.7632, 76.4853,
161.4291

 10.8611, 6.2702,
26.3319


 122.6529,
100.2179, 200.8801

 6.0401, 3.0101,
16.8441

154.1567,
128.4127, 246.2857

 2.9104, 1.1370,
9.9626

190.6400,
161.4541, 298.0645

 1.1065, 0.0093,
5.2689

232.4681,

 0.0306, 0.0000,

199.7265, 356.6350

2.3444

280.0063,
243.6143, 422.4158

■ 0.0000, 0.0000,
0.7559

■ 0.0000, 0.0000,
0.0000

■ 39.1251, 28.2169,
74.6184

■ 39.1251, 28.2169,
74.6184

■ 34.6869, 22.4541,
73.7405

■ 44.3414, 35.3199,
75.7150

■ 30.9751, 17.9354,
73.0639


■ 50.3765, 43.8436,
77.0421


■ 27.9362, 14.5570,
72.5720


■ 57.2716, 53.8656,
78.6131


■ 25.5065, 12.1956,
72.2442


■ 65.0643, 65.4571,
80.4398


 23.6005, 10.6852,
72.0531

 73.7897, 78.6846,
82.5331

 23.1814, 10.3804,
72.0164

 83.4808, 93.6106,
84.9033

 87.2754, 96.5072,
85.2624

 90.5907, 98.2163,
85.4176

Harmonies

Analogous

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



30.8111, 28.2169, 96.7507



39.1251, 28.2169, 74.6184



44.6288, 28.2169, 44.3765

Triad

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



39.1251, 28.2169, 74.6184



31.2383, 28.2169, 4.7702



14.4490, 28.2169, 42.9730

Complementary

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



39.1251, 28.2169, 74.6184



45.0963, 62.8404, 26.8933

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.



14.5179, 28.2169, 20.2043



39.1251, 28.2169, 74.6184



23.1881, 28.2169, 4.6848

Square

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



39.1251, 28.2169, 74.6184



39.4913, 28.2169, 9.0202



17.4093, 28.2169, 8.6659



17.1974, 28.2169, 73.1596

Rectangle

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



39.1251, 28.2169, 74.6184



45.3879, 28.2169, 27.5517



17.4093, 28.2169, 8.6659



14.1637, 28.2169, 34.1296

Sweetspot

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



39.1262, 28.2180, 74.6190



79.5037, 76.6210, 105.2068



34.0861, 35.3356, 76.2585



16.5506, 15.7102, 22.4100



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.1262, 28.2180, 74.6190



46.1536, 29.9293, 97.9521



49.9359, 33.9276, 68.9396



13.7217, 13.6401, 17.2973



13.4938, 6.0516, 41.5052



1.0363, 0.4715, 2.8816

Inverse Universe

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



44.0521, 31.5741, 37.9559



53.9791, 35.2168, 41.6954



38.2226, 59.2328, 29.4699



13.9397, 13.7935, 15.4529



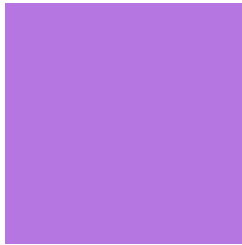
19.0744, 9.6968, 7.0577



1.3658, 0.6896, 0.7194

Previews

White Background



This preview shows how the XYZ color 39.1251, 28.2169, 74.6184 looks on a white background.

Color Contrast Check

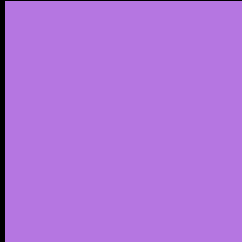
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1251, 28.2169, 74.6184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

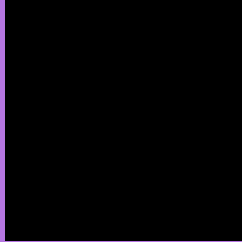
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1251, 28.2169, 74.6184

Background



This preview shows how black text looks on a background with the XYZ color 39.1251, 28.2169, 74.6184.



This preview shows how white text looks on a background with the XYZ color 39.1251, 28.2169,

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

39.1251, 28.2169, 74.6184

Protanopia

31.5631, 28.7091, 91.0666

Deuteranopia

29.1982, 28.3650, 71.6462



Tritanopia

30.2191, 28.0397, 31.4233

Trichromacy



Original Color

39.1251, 28.2169, 74.6184



Protanomaly

32.8734, 27.6152, 84.4866



Deuteranomaly

31.8405, 27.7528, 72.7859



Tritanomaly

32.8217, 27.6799, 44.1703

Monochromacy



Original Color

39.1251, 28.2169, 74.6184



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

31.7222, 28.9283, 45.5068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1251, 28.2169, 74.6184 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(181, 118, 225)` looks like.

```
.text, #text, p{  
    color:rgb(181, 118, 225)  
}
```

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(181, 118, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 118, 225) }
```

Border

The CSS property to change the border of an element to XYZ 39.1251, 28.2169, 74.6184 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(181, 118, 225) }
```


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

```
.border{ border-color:rgb(181, 118, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 118, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 118, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 118, 225); box-shadow:4px 4px 4px 4px rgb(181, 118, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1251, 28.2169, 74.6184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 118, 225) }
```

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

```
.background{ background-color: rgb(181,  
118, 225) }
```

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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