

Converting Colors

XYZ(27.9982, 27.5531, 39.9337)

Have a look what the booklet for
XYZ(27.9982, 27.5531, 39.9337)
contains.

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Color

**XYZ(27.9381, 27.5291,
39.9175)**

Conversions

Conversions Part 1

Format	Color
Hex	918CA6
RGB	145, 140, 166
RGB Percent	57%, 55%, 65%
CMY	0.4314, 0.4510, 0.3490
CMYK	0.13, 0.16, 0.00, 0.35
HSL	252°, 13%, 60%
HSV	252°, 16%, 65%
XYZ	27.9381, 27.5291, 39.9175
YIQ	144.4590, -5.3660, 9.1460

Conversions

Conversions Part 2

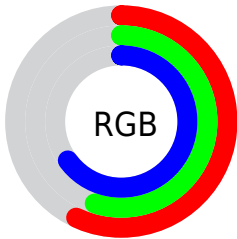
Format	Color
RYB	145, 140, 166
Decimal	9538726
CIELab	59.46, 7.18, -13.04
CIElCh	59, 14.885, 298.861
Yxy	27.5291, 0.2929, 0.2886
Android (android.graphics.Color)	4287728806 (0xFF918CA6)
YUV	144.4590, 10.6197, 0.4745
Hunter-Lab	52.4682, 3.2278, -8.3798

Details

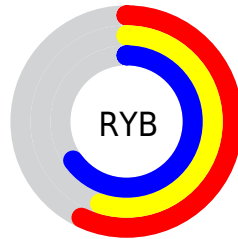
The XYZ color **27.9381, 27.5291, 39.9175** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.0687, 36.7436, 30.1616**, and the grayscale version is **26.6551, 28.0433, 30.5391**.

A 20% lighter version of the original color is **55.8961, 55.9461, 76.2593**, and **11.3095, 10.9069, 17.4288** is the 20% darker color. If you saturate the color by 10%, you get **23.4683, 21.8922, 39.0655**, and if you desaturate by 10%, it is **33.0544, 34.0439, 40.9058**.

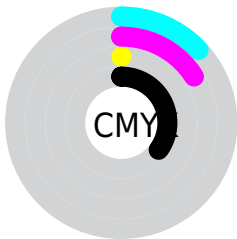
Distribution



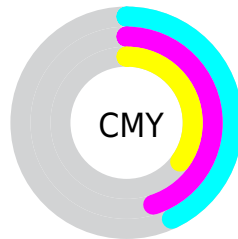
- Red (57%)
- Green (55%)
- Blue (65%)



- Red (57%)
- Yellow (55%)
- Blue (65%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (43%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9381, 27.5291, 39.9175 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 27.9381, 27.5291, 39.9175 by changing the saturation by 10% instead.

■ 27.9381, 27.5291,
39.9175

■ 27.9381, 27.5291,
39.9175

284.2565,
290.2099, 361.3175

■ 18.4192, 17.9710,
27.1609

■ 55.7949, 55.7317,
76.2736

■ 11.3529, 10.9292,
17.4606

■ 74.8636, 75.1451,
100.7102

■ 6.3738, 6.0192,
10.3980

■ 97.8462, 98.6123,
129.8772

■ 3.1165, 2.8568,
5.5546

125.1082,
126.5177, 164.1932

■ 1.2156, 1.0574,
2.5118

157.0149,
159.2458, 204.0766

■ 0.1187, 0.0000,
0.8464

193.9315,

■ 0.0000, 0.0000,

197.1809, 249.9462

0.0000

236.2236,
240.7075, 302.2203

■ 27.9381, 27.5291,
39.9175

■ 27.9381, 27.5291,
39.9175

■ 23.4683, 21.8922,
39.0655

■ 33.0544, 34.0439,
40.9058

■ 19.6165, 17.0921,
38.3420

■ 38.8391, 41.4686,
42.0340

■ 16.3558, 13.0896,
37.7413

■ 45.3164, 49.8377,
43.3080

■ 13.6561, 9.8408,
37.2565

■ 52.5083, 59.1828,
44.7327

■ 11.4848, 7.2977,
36.8801

■ 60.4358, 69.5342,
46.3129

■ 9.8058, 5.4066,
36.6035

■ 69.1193, 80.9208,
48.0531

■ 8.5780, 4.1059,
36.4172

■ 78.1927, 92.5998,
49.8291

■ 7.7507, 3.3166,
36.3084

■ 82.8856, 95.0190,
50.0488

■ 7.4761, 3.0589,
36.2732

■ 83.8830, 95.5332,
50.0954

Harmonies

Analogous

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



26.0943, 27.5291, 41.4818



27.9381, 27.5291, 39.9175



29.3622, 27.5291, 35.6155

Triad

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



27.9381, 27.5291, 39.9175



28.0675, 27.5291, 22.0030



22.7359, 27.5291, 29.7705

Complementary

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



27.9381, 27.5291, 39.9175



33.0687, 36.7436, 30.1616

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.



23.2098, 27.5291, 24.9630



27.9381, 27.5291, 39.9175



26.2370, 27.5291, 20.8203

Square

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



27.9381, 27.5291, 39.9175



29.4394, 27.5291, 25.2778



24.4697, 27.5291, 21.8371



23.1439, 27.5291, 35.2196

Rectangle

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



27.9381, 27.5291, 39.9175



29.8508, 27.5291, 32.0062



24.4697, 27.5291, 21.8371



22.7969, 27.5291, 28.0306

Sweetspot

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



27.9389, 27.5302, 39.9181



60.5535, 62.5066, 74.3487



30.4847, 33.9008, 41.0136



13.4008, 13.7960, 16.6087



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.9389, 27.5302, 39.9181



47.5766, 46.0050, 71.8476



30.3166, 28.7560, 40.0294



7.2615, 7.3674, 9.4577



5.8283, 2.3880, 28.1292



0.1790, 0.0773, 0.6861

Inverse Universe

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



31.5379, 29.4375, 37.7391



55.4695, 50.1899, 66.9767



30.6257, 35.4842, 30.0472



7.7791, 7.6415, 9.1542



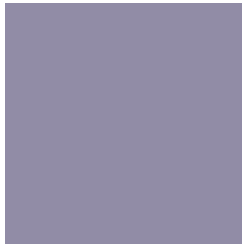
15.5524, 7.6297, 18.2523



0.3938, 0.1918, 0.5254

Previews

White Background



This preview shows how the XYZ color 27.9381, 27.5291, 39.9175 looks on a white background.

Color Contrast Check

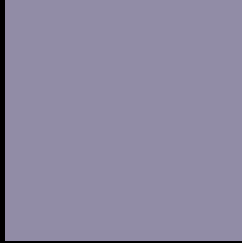
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9381, 27.5291, 39.9175 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 27.9381, 27.5291, 39.9175

Background



This preview shows how black text looks on a background with the XYZ color 27.9381, 27.5291, 39.9175.



This preview shows how white text looks on a background with the XYZ color 27.9381, 27.5291,

39.9175.

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

27.9381, 27.5291, 39.9175

Protanopia

27.1293, 27.5393, 40.4450

Deuteranopia

28.1151, 27.6203, 39.9258



Tritanopia

26.7505, 27.4855, 34.0323

Trichromacy



Original Color

27.9381, 27.5291, 39.9175

Protanomaly

27.4844, 27.5025, 40.4191

Deuteranomaly

28.1151, 27.6203, 39.9258

Tritanomaly

27.1980, 27.4477, 36.2122

Monochromacy



Original Color

27.9381, 27.5291, 39.9175

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9916, 27.8412, 33.6570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9381, 27.5291, 39.9175 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(145, 140, 166) looks like.

```
.text, #text, p{  
    color:rgb(145, 140, 166)  
}
```

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(145, 140, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 140, 166) }
```

Border

The CSS property to change the border of an element to XYZ 27.9381, 27.5291, 39.9175 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(145, 140, 166) }
```


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

```
.border{ border-color:rgb(145, 140, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 140, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 140, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 140, 166);  
box-shadow:4px 4px 4px 4px rgb(145, 140,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9381, 27.5291, 39.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 140, 166) }
```

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

```
.background{ background-color: rgb(145,  
140, 166) }
```

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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