

Converting Colors

XYZ(28.0017, 26.5664, 39.5289)

Have a look what the booklet for
XYZ(28.0017, 26.5664, 39.5289)
contains.

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Color

**XYZ(27.9413, 26.4707,
39.7131)**

Conversions

Conversions Part 1

Format	Color
Hex	9587A6
RGB	149, 135, 166
RGB Percent	58%, 53%, 65%
CMY	0.4157, 0.4706, 0.3490
CMYK	0.10, 0.19, 0.00, 0.35
HSL	267°, 15%, 59%
HSV	267°, 19%, 65%
XYZ	27.9413, 26.4707, 39.7131
YIQ	142.7200, -1.6070, 12.6090

Conversions

Conversions Part 2

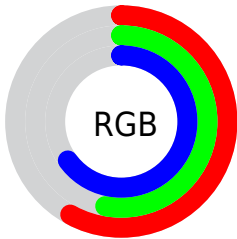
Format	Color
RYB	149, 135, 166
Decimal	9799590
CIELab	58.48, 11.42, -14.48
CIELCh	58, 18.442, 308.262
Yxy	26.4707, 0.2969, 0.2812
Android (android.graphics.Color)	4287989670 (0xFF9587A6)
YUV	142.7200, 11.4770, 5.5076
Hunter-Lab	51.4497, 6.9029, -9.7501

Details

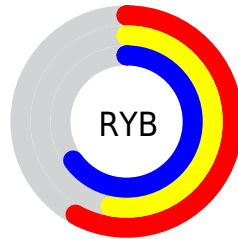
The XYZ color **27.9413, 26.4707, 39.7131** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **30.9593, 35.6979, 28.1816**, and the grayscale version is **25.9537, 27.3053, 29.7355**.

A 20% lighter version of the original color is **55.6630, 53.8834, 75.8734**, and **11.3228, 10.3086, 17.3126** is the 20% darker color. If you saturate the color by 10%, you get **24.2070, 21.3718, 38.9262**, and if you desaturate by 10%, it is **32.1683, 32.3610, 40.6277**.

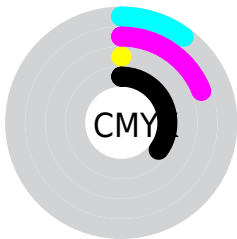
Distribution



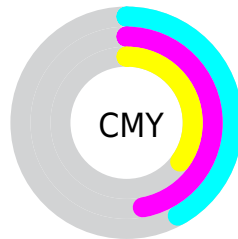
- Red (58%)
- Green (53%)
- Blue (65%)



- Red (58%)
- Yellow (53%)
- Blue (65%)



- Cyan (10%)
- Magenta (19%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9413, 26.4707, 39.7131 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 27.9413, 26.4707, 39.7131 by changing the saturation by 10% instead.

■ 27.9413, 26.4707,
39.7131

■ 27.9413, 26.4707,
39.7131

284.2715,
285.0851, 360.4289

■ 18.4216, 17.1761,
27.0028

■ 55.8000, 54.0333,
75.9587

■ 11.3546, 10.3601,
17.3429

■ 74.8698, 73.0702,
100.3312

■ 6.3749, 5.6384,
10.3147

■ 97.8536, 96.1232,
129.4281

■ 3.1172, 2.6265,
5.4998

125.1169,
123.5768, 163.6681

■ 1.2160, 0.9400,
2.4796

157.0250,
155.8154, 203.4696

■ 0.1190, 0.0000,
0.8293

193.9432,

■ 0.0000, 0.0000,

193.2234, 249.2512

0.0000

236.2369,
236.1852, 301.4315

■ 27.9413, 26.4707,
39.7131

■ 27.9413, 26.4707,
39.7131

■ 24.2070, 21.3718,
38.9262

■ 32.1683, 32.3610,
40.6277

■ 20.9432, 17.0261,
38.2594

■ 36.9038, 39.0720,
41.6734

■ 18.1296, 13.3972,
37.7072

■ 42.1663, 46.6357,
42.8560

■ 15.7436, 10.4441,
37.2629

■ 47.9723, 55.0813,
44.1802

■ 13.7600, 8.1216,
36.9192

■ 54.3375, 64.4365,
45.6504

■ 12.1509, 6.3788,
36.6676

■ 61.2772, 74.7278,
47.2711

■ 10.8838, 5.1564,
36.4985

■ 68.8060, 85.9808,
49.0463

■ 9.9009, 4.3445,
36.3936

■ 72.7160, 89.7764,
49.5729

■ 9.7816, 4.2475,
36.3811

■ 75.5776, 91.2516,
49.7068

Harmonies

Analogous

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



25.7878, 26.4707, 42.9402



27.9413, 26.4707, 39.7131



29.4059, 26.4707, 33.6701

Triad

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



27.9413, 26.4707, 39.7131



26.7999, 26.4707, 18.7578



21.1080, 26.4707, 30.6436

Complementary

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



27.9413, 26.4707, 39.7131



30.9593, 35.6979, 28.1816

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.



21.3431, 26.4707, 24.4633



27.9413, 26.4707, 39.7131



24.5417, 26.4707, 18.1971

Square

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



27.9413, 26.4707, 39.7131



28.7200, 26.4707, 21.7959



22.5689, 26.4707, 20.1300



21.9064, 26.4707, 37.2160

Rectangle

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



27.9413, 26.4707, 39.7131



29.7471, 26.4707, 29.2003



22.5689, 26.4707, 20.1300



21.0698, 26.4707, 28.4471

Sweetspot

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



27.9421, 26.4718, 39.7137



60.4938, 61.7069, 74.1975



28.1120, 30.3778, 40.4587



13.4219, 13.6459, 16.5787



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.



27.9421, 26.4718, 39.7137



48.0769, 44.4212, 71.5155



30.9506, 28.0227, 39.8545



7.4415, 7.4602, 9.4661



7.6376, 3.3207, 28.2139



0.2452, 0.1114, 0.6892

Inverse Universe

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



30.0583, 27.7031, 33.4702



52.6159, 47.0635, 58.0694



28.2533, 34.3028, 28.0550



7.6968, 7.6086, 8.7203



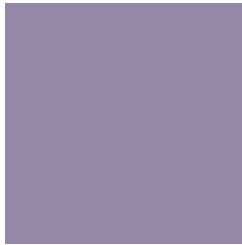
13.6841, 6.8823, 8.4139



0.3582, 0.1776, 0.3377

Previews

White Background



This preview shows how the XYZ color 27.9413, 26.4707, 39.7131 looks on a white background.

Color Contrast Check

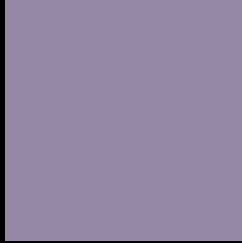
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9413, 26.4707, 39.7131 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 27.9413, 26.4707, 39.7131

Background



This preview shows how black text looks on a background with the XYZ color 27.9413, 26.4707, 39.7131.



This preview shows how white text looks on a background with the XYZ color 27.9413, 26.4707,

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

27.9413, 26.4707, 39.7131

Protanopia

26.2256, 26.3981, 41.2492

Deuteranopia

26.9839, 26.3953, 39.7490



Tritanopia

26.3674, 26.4579, 32.1509

Trichromacy



Original Color

27.9413, 26.4707, 39.7131

Protanomaly

26.8038, 26.4931, 40.7467

Deuteranomaly

27.3641, 26.3812, 39.7262

Tritanomaly

26.8947, 26.4609, 34.7003

Monochromacy



Original Color

27.9413, 26.4707, 39.7131

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.6411, 27.0103, 33.0875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9413, 26.4707, 39.7131 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(149, 135, 166)` looks like.

```
.text, #text, p{  
    color:rgb(149, 135, 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(149, 135, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 135, 166) }
```

Border

The CSS property to change the border of an element to XYZ 27.9413, 26.4707, 39.7131 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(149, 135, 166) }
```


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

```
.border{ border-color:rgb(149, 135, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 135, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 135, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 135, 166);  
box-shadow:4px 4px 4px 4px rgb(149, 135,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9413, 26.4707, 39.7131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 135, 166) }
```

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

```
.background{ background-color: rgb(149,  
135, 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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