

Converting Colors

XYZ(26.8480, 26.4490, 39.6464)

Have a look what the booklet for
XYZ(26.8480, 26.4490, 39.6464)
contains.

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Color

**XYZ(26.9559, 26.5929,
39.7886)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8AA6
RGB	141, 138, 166
RGB Percent	55%, 54%, 65%
CMY	0.4471, 0.4588, 0.3490
CMYK	0.15, 0.17, 0.00, 0.35
HSL	246°, 14%, 60%
HSV	246°, 17%, 65%
XYZ	26.9559, 26.5929, 39.7886
YIQ	142.0890, -7.2000, 9.3440

Conversions

Conversions Part 2

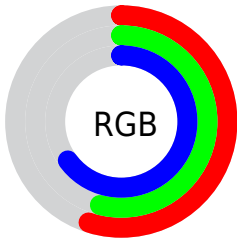
Format	Color
R_{YB}	141, 138, 166
Decimal	9276070
CIE _{Lab}	58.60, 6.97, -14.37
CIE _{LCh}	59, 15.975, 295.876
Yxy	26.5929, 0.2888, 0.2849
Android (android.graphics.Color)	4287466150 (0xFF8D8AA6)
YUV	142.0890, 11.7881, -0.9551
Hunter-Lab	51.5683, 3.0614, -9.6486

Details

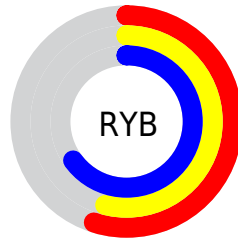
The XYZ color **26.9559, 26.5929, 39.7886** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **33.3290, 36.8947, 29.4109**, and the grayscale version is **25.7039, 27.0425, 29.4493**.

A 20% lighter version of the original color is **54.1876, 54.0842, 75.9899**, and **10.8414, 10.4185, 17.3592** is the 20% darker color. If you saturate the color by 10%, you get **22.4001, 20.9754, 38.9449**, and if you desaturate by 10%, it is **32.2147, 33.1145, 40.7707**.

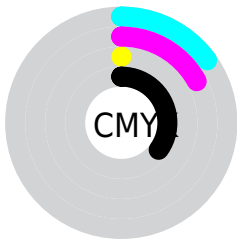
Distribution



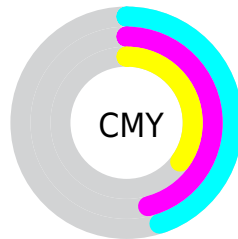
- Red (55%)
- Green (54%)
- Blue (65%)



- Red (55%)
- Yellow (54%)
- Blue (65%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9559, 26.5929, 39.7886 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 26.9559, 26.5929, 39.7886 by changing the saturation by 10% instead.

■ 26.9559, 26.5929,
39.7886

■ 26.9559, 26.5929,
39.7886

279.6150,
285.6806, 360.7573

■ 17.6765, 17.2677,
27.0612

■ 54.2335, 54.2299,
76.0751

■ 10.8163, 10.4256,
17.3864

■ 72.9624, 73.3105,
100.4712

■ 6.0098, 5.6820,
10.3455

■ 95.5719, 96.4117,
129.5941

■ 2.8918, 2.6527,
5.5200

122.4272,
123.9179, 163.8621

■ 1.0968, 0.9532,
2.4915

153.8939,
156.2135, 203.6939

■ 0.0224, 0.0000,
0.8356

190.3372,

■ 0.0000, 0.0000,

193.6829, 249.5080

0.0000

232.1224,
236.7105, 301.7230

■ 26.9559, 26.5929,
39.7886

■ 26.9559, 26.5929,
39.7886

■ 22.4001, 20.9754,
38.9449

■ 32.2147, 33.1145,
40.7707

■ 18.5150, 16.2190,
38.2315

■ 38.2021, 40.5743,
41.8950

■ 15.2696, 12.2819,
37.6427

■ 44.9453, 49.0086,
43.1675

■ 12.6294, 9.1177,
37.1711

■ 52.4695, 58.4508,
44.5935

■ 10.5564, 6.6752,
36.8089

■ 60.7985, 68.9326,
46.1777

■ 9.0086, 4.8971,
36.5472

■ 69.9554, 80.4846,
47.9248

■ 7.9379, 3.7173,
36.3760

■ 79.9621, 93.1358,
49.8394

■ 7.2797, 3.0415,
36.2802

■ 83.8830, 95.5332,
50.0955

■ 7.1283, 2.8796,
36.2569

Harmonies

Analogous

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



25.0058, 26.5929, 41.1054



26.9559, 26.5929, 39.7886



28.5246, 26.5929, 35.4397

Triad

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



26.9559, 26.5929, 39.7886



27.4487, 26.5929, 20.9100



21.7012, 26.5929, 28.1861

Complementary

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



26.9559, 26.5929, 39.7886



33.3290, 36.8947, 29.4109

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.



22.2834, 26.5929, 23.3142



26.9559, 26.5929, 39.7886



25.5477, 26.5929, 19.4715

Square

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



26.9559, 26.5929, 39.7886



28.8193, 26.5929, 24.4968



23.6669, 26.5929, 20.2916



22.0353, 26.5929, 33.9240

Rectangle

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



26.9559, 26.5929, 39.7886



29.1082, 26.5929, 31.6687



23.6669, 26.5929, 20.2916



21.7954, 26.5929, 26.4012

Sweetspot

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



26.9567, 26.5940, 39.7892



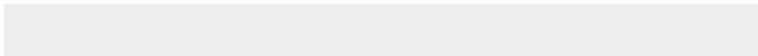
60.2946, 62.3731, 74.3366



30.4978, 34.4226, 41.1136



13.3356, 13.7624, 16.6057



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.



26.9567, 26.5940, 39.7892



45.8819, 44.5074, 71.6478



29.4516, 27.8801, 39.9060



7.2036, 7.3376, 9.4550



5.5483, 2.2437, 28.1161



0.1572, 0.0660, 0.6851

Inverse Universe

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



31.4262, 28.9295, 38.5794



55.4587, 49.5131, 68.9931



30.6555, 35.5165, 29.2857



7.8068, 7.6526, 9.2997



16.3639, 7.9543, 22.5256



0.4077, 0.1973, 0.5982

Previews

White Background



This preview shows how the XYZ color 26.9559, 26.5929, 39.7886 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 26.9559, 26.5929, 39.7886 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

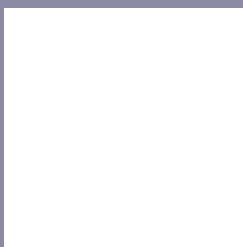
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9559, 26.5929, 39.7886

Background



This preview shows how black text looks on a background with the XYZ color 26.9559, 26.5929, 39.7886.



This preview shows how white text looks on a background with the XYZ color 26.9559, 26.5929,

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

26.9559, 26.5929, 39.7886

Protanopia

26.3448, 26.6971, 40.3237

Deuteranopia

27.1267, 26.6809, 39.7966



Tritanopia

25.5268, 26.4264, 33.4612

Trichromacy



Original Color

26.9559, 26.5929, 39.7886

Protanomaly

26.5242, 26.5736, 40.2905

Deuteranomaly

27.1267, 26.6809, 39.7966

Tritanomaly

25.9659, 26.3885, 35.6232

Monochromacy



Original Color

26.9559, 26.5929, 39.7886

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2661, 27.0349, 33.1120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9559, 26.5929, 39.7886 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(141, 138, 166)` looks like.

```
.text, #text, p{  
    color:rgb(141, 138, 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(141, 138, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 138, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.9559, 26.5929, 39.7886 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(141, 138, 166) }
```


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

```
.border{ border-color:rgb(141, 138, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 138, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 138, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 138, 166);  
box-shadow:4px 4px 4px 4px rgb(141, 138,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9559, 26.5929, 39.7886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 138, 166) }
```

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

```
.background{ background-color: rgb(141,  
138, 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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