

Converting Colors

XYZ(26.9208, 26.8455, 40.1775)

Have a look what the booklet for
XYZ(26.9208, 26.8455, 40.1775)
contains.

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Color

**XYZ(26.8551, 26.7442,
40.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8BA7
RGB	139, 139, 167
RGB Percent	55%, 55%, 65%
CMY	0.4549, 0.4549, 0.3451
CMYK	0.17, 0.17, 0.00, 0.35
HSL	240°, 14%, 60%
HSV	240°, 17%, 65%
XYZ	26.8551, 26.7442, 40.3060
YIQ	142.1920, -8.9880, 8.7080

Conversions

Conversions Part 2

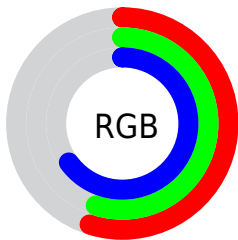
Format	Color
R_{YB}	139, 139, 167
Decimal	9145255
CIE Lab	58.74, 5.95, -14.75
CIE LCh	59, 15.904, 291.984
Yxy	26.7442, 0.2860, 0.2848
Android (android.graphics.Color)	4287335335 (0xFF8B8BA7)
YUV	142.1920, 12.2303, -2.7994
Hunter-Lab	51.7148, 2.1928, -10.0097

Details

The XYZ color **26.8551, 26.7442, 40.3060** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.4155, 37.7169, 29.8929**, and the grayscale version is **25.7434, 27.0841, 29.4946**.

A 20% lighter version of the original color is **54.0268, 54.3107, 76.7427**, and **10.7867, 10.5064, 17.6791** is the 20% darker color. If you saturate the color by 10%, you get **22.0409, 20.9435, 39.4405**, and if you desaturate by 10%, it is **32.4663, 33.5054, 41.3157**.

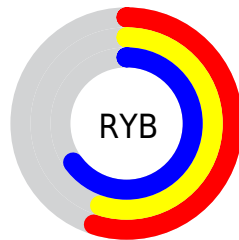
Distribution



Red (55%)

Green (55%)

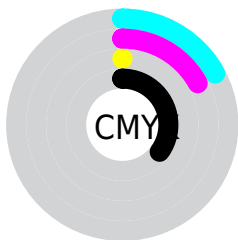
Blue (65%)



Red (55%)

Yellow (55%)

Blue (65%)

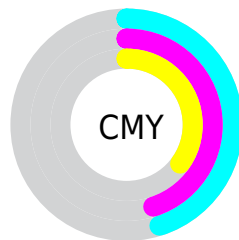


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (45%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8551, 26.7442, 40.3060 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 26.8551, 26.7442, 40.3060 by changing the saturation by 10% instead.

■ 26.8551, 26.7442,
40.3060

■ 26.8551, 26.7442,
40.3060

279.1352,
286.4164, 363.0020

■ 17.6005, 17.3812,
27.4616

■ 54.0728, 54.4731,
76.8714

■ 10.7615, 10.5067,
17.6847

■ 72.7665, 73.6078,
101.4296

■ 5.9728, 5.7362,
10.5568

■ 95.3374, 96.7686,
130.7293

■ 2.8690, 2.6853,
5.6592

122.1507,
124.3397, 165.1893

■ 1.0849, 0.9697,
2.5736

153.5717,
156.7057, 205.2280

■ 0.0124, 0.0000,
0.8788

189.9659,

■ 0.0000, 0.0000,

194.2509, 251.2640

0.0000

231.6986,
237.3597, 303.7158

■ 26.8551, 26.7442,
40.3060

■ 26.8551, 26.7442,
40.3060

■ 22.0409, 20.9435,
39.4405

■ 32.4663, 33.5054,
41.3157

■ 17.9851, 16.0567,
38.7110

■ 38.9057, 41.2643,
42.4740

■ 14.6500, 12.0381,
38.1111

■ 46.2059, 50.0603,
43.7870

■ 11.9934, 8.8370,
37.6333

■ 54.3968, 59.9297,
45.2603

■ 9.9687, 6.3974,
37.2691

■ 63.5072, 70.9069,
46.8989

■ 8.5236, 4.6560,
37.0092

■ 73.5644, 83.0248,
48.7078

■ 7.5973, 3.5398,
36.8425

■ 83.9751, 95.5701,
50.5806

■ 7.1015, 2.9424,
36.7533

■ 6.9753, 2.7903,
36.7306

Harmonies

Analogous

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



24.8981, 26.7442, 41.1547



26.8551, 26.7442, 40.3060



28.5025, 26.7442, 36.2780

Triad

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



26.8551, 26.7442, 40.3060



27.8095, 26.7442, 21.4245



21.8708, 26.7442, 27.6420

Complementary

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



26.8551, 26.7442, 40.3060



34.4155, 37.7169, 29.8929

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.



22.5674, 26.7442, 22.9713



26.8551, 26.7442, 40.3060



25.9482, 26.7442, 19.6948

Square

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



26.8551, 26.7442, 40.3060



29.0729, 26.7442, 25.2673



24.0361, 26.7442, 20.2223



22.0859, 26.7442, 33.3455

Rectangle

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



26.8551, 26.7442, 40.3060



29.1705, 26.7442, 32.5836



24.0361, 26.7442, 20.2223



22.0048, 26.7442, 25.9108

Sweetspot

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



26.8559, 26.7453, 40.3066



59.9716, 62.2069, 74.3216



31.3987, 35.8997, 41.6084



13.2545, 13.7206, 16.6019



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.



26.8559, 26.7453, 40.3066



44.8349, 43.9684, 71.5990



29.2572, 27.9828, 40.4189



7.1319, 7.3006, 9.4516



5.3375, 2.1351, 28.1063



0.1299, 0.0520, 0.6838

Inverse Universe

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



29.8298, 28.5454, 28.3649



51.1433, 47.7870, 46.2680



31.7046, 36.3198, 29.7661



7.5311, 7.5423, 7.8482



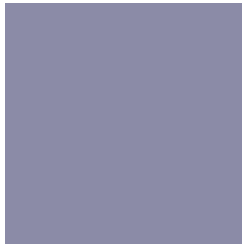
12.1947, 6.2866, 0.5710



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 26.8551, 26.7442, 40.3060 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 26.8551, 26.7442, 40.3060 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 26.8551, 26.7442, 40.3060

Background



This preview shows how black text looks on a background with the XYZ color 26.8551, 26.7442, 40.3060.



This preview shows how white text looks on a background with the XYZ color 26.8551, 26.7442,

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

26.8551, 26.7442, 40.3060

Protanopia

26.5993, 26.8176, 40.8202

Deuteranopia

27.2189, 26.7178, 40.2817



Tritanopia

25.4280, 26.5839, 33.9280

Trichromacy



Original Color

26.8551, 26.7442, 40.3060

Protanomaly

26.7625, 26.9017, 40.8278

Deuteranomaly

27.0480, 26.6297, 40.2737

Tritanomaly

25.8662, 26.5432, 36.1078

Monochromacy



Original Color

26.8551, 26.7442, 40.3060

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.0953, 26.9468, 33.1040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8551, 26.7442, 40.3060 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(139, 139, 167)` looks like.

```
.text, #text, p{  
    color:rgb(139, 139, 167)  
}
```

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(139, 139, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 139, 167) }
```

Border

The CSS property to change the border of an element to XYZ 26.8551, 26.7442, 40.3060 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(139, 139, 167) }
```


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

```
.border{ border-color:rgb(139, 139, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 139, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 139, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 139, 167);  
box-shadow:4px 4px 4px 4px rgb(139, 139,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8551, 26.7442, 40.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 139, 167) }
```

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

```
.background{ background-color: rgb(139,  
139, 167) }
```

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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