

Converting Colors

XYZ(26.7581, 27.1356, 39.9039)

Have a look what the booklet for
XYZ(26.7581, 27.1356, 39.9039)
contains.

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Color

**XYZ(26.7243, 27.1213,
39.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	898DA6
RGB	137, 141, 166
RGB Percent	54%, 55%, 65%
CMY	0.4627, 0.4470, 0.3490
CMYK	0.17, 0.15, 0.00, 0.35
HSL	232°, 14%, 59%
HSV	232°, 17%, 65%
XYZ	26.7243, 27.1213, 39.9028
YIQ	142.6540, -10.4090, 6.9270

Conversions

Conversions Part 2

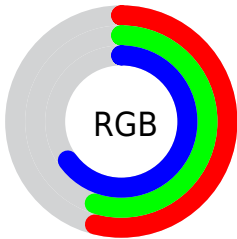
Format	Color
R_{YB}	137, 141, 166
Decimal	9014694
CIE _{Lab}	59.09, 3.91, -13.66
CIE _{LCh}	59, 14.213, 285.980
Yxy	27.1213, 0.2851, 0.2893
Android (android.graphics.Color)	4287204774 (0xFF898DA6)
YUV	142.6540, 11.5096, -4.9586
Hunter-Lab	52.0781, 0.4620, -8.9739

Details

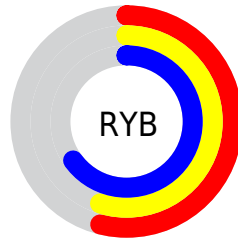
The XYZ color **26.7243, 27.1213, 39.9028** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **33.1617, 35.7536, 28.8207**, and the grayscale version is **25.9298, 27.2802, 29.7082**.

A 20% lighter version of the original color is **54.0521, 55.3270, 76.2369**, and **10.7088, 10.7233, 17.4250** is the 20% darker color. If you saturate the color by 10%, you get **22.2344, 21.8749, 39.1272**, and if you desaturate by 10%, it is **31.9071, 33.1311, 40.7901**.

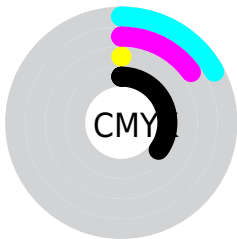
Distribution



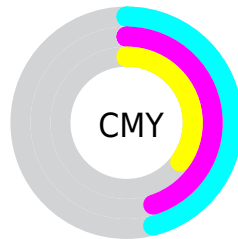
- Red (54%)
- Green (55%)
- Blue (65%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7243, 27.1213, 39.9028 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 26.7243, 27.1213, 39.9028 by changing the saturation by 10% instead.

■ 26.7243, 27.1213,
39.9028

■ 26.7243, 27.1213,
39.9028

278.5117,
288.2440, 361.2536

■ 17.5018, 17.6643,
27.1496

■ 53.8642, 55.0785,
76.2509

■ 10.6904, 10.7093,
17.4521

■ 72.5122, 74.3474,
100.6829

■ 5.9248, 5.8717,
10.3920

■ 95.0328, 97.6559,
129.8449

■ 2.8396, 2.7672,
5.5507

121.7913,
125.3882, 164.1554

■ 1.0695, 1.0114,
2.5095

153.1531,
157.9288, 204.0330

■ 0.0000, 0.0000,
0.8452

189.4836,

■ 0.0000, 0.0000,

195.6620, 249.8962

0.0000

231.1480,
238.9723, 302.1636

■ 26.7243, 27.1213,
39.9028

■ 26.7243, 27.1213,
39.9028

■ 22.2344, 21.8749,
39.1272

■ 31.9071, 33.1311,
40.7901

■ 18.4056, 17.3578,
38.4571

■ 37.8081, 39.9296,
41.7913

■ 15.2071, 13.5386,
37.8885

■ 44.4542, 47.5454,
42.9110

■ 12.6046, 10.3822,
37.4165

■ 51.8702, 56.0043,
44.1529

■ 10.5607, 7.8502,
37.0355

■ 60.0799, 65.3314,
45.5205

■ 9.0336, 5.9004,
36.7396

■ 69.1058, 75.5503,
47.0172

■ 7.9754, 4.4852,
36.5222

■ 78.9697, 86.6840,
48.6464

■ 7.3168, 3.5428,
36.3750

■ 83.8830, 95.5332,
50.0955

■ 7.1876, 3.3624,
36.3470

Harmonies

Analogous

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



24.9639, 27.1213, 40.0081



26.7243, 27.1213, 39.9028



28.2981, 27.1213, 36.8183

Triad

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



26.7243, 27.1213, 39.9028



28.2108, 27.1213, 23.0739



22.6213, 27.1213, 27.2362

Complementary

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



26.7243, 27.1213, 39.9028



33.1617, 35.7536, 28.8207

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.



23.4121, 27.1213, 23.2740



26.7243, 27.1213, 39.9028



26.6095, 27.1213, 21.0633

Square

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



26.7243, 27.1213, 39.9028



29.1827, 27.1213, 26.9329



24.8543, 27.1213, 21.1321



22.6489, 27.1213, 32.2899

Rectangle

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



26.7243, 27.1213, 39.9028



29.0062, 27.1213, 33.6693



24.8543, 27.1213, 21.1321



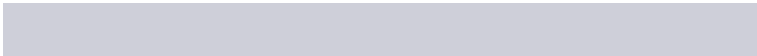
22.7986, 27.1213, 25.7455

Sweetspot

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



26.7251, 27.1224, 39.9034



60.3330, 62.9297, 74.4420



30.4437, 35.1875, 39.2073



13.3453, 13.9023, 16.6322



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.



26.7251, 27.1224, 39.9034



45.1610, 45.3285, 71.8443



27.8886, 26.8619, 39.7918



7.2122, 7.4614, 9.4784



5.5948, 2.6499, 28.1921



0.1604, 0.1131, 0.6940

Inverse Universe

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



29.4799, 27.9220, 29.0363



51.1350, 47.1220, 48.2644



31.8333, 36.1320, 28.9638



7.5717, 7.5585, 8.0619



12.3246, 6.3386, 1.2550



0.3121, 0.1591, 0.0951

Previews

White Background



This preview shows how the XYZ color 26.7243, 27.1213, 39.9028 looks on a white background.

Color Contrast Check

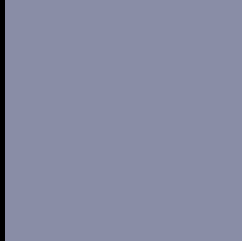
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7243, 27.1213, 39.9028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

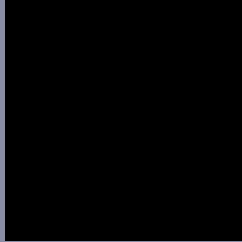
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

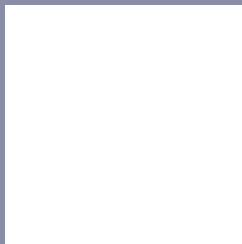
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7243, 27.1213, 39.9028

Background



This preview shows how black text looks on a background with the XYZ color 26.7243, 27.1213, 39.9028.



This preview shows how white text looks on a background with the XYZ color 26.7243, 27.1213,

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

26.7243, 27.1213, 39.9028

Protanopia

26.7243, 27.1213, 39.9028

Deuteranopia

27.6172, 27.1477, 39.8608



Tritanopia

25.6469, 27.1289, 34.4565

Trichromacy



Original Color

26.7243, 27.1213, 39.9028

Protanomaly

26.7243, 27.1213, 39.9028

Deuteranomaly

27.2455, 27.1721, 39.8851

Tritanomaly

25.9979, 27.0489, 36.1985

Monochromacy



Original Color

26.7243, 27.1213, 39.9028

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2434, 27.2431, 33.1534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7243, 27.1213, 39.9028 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(137, 141, 166)` looks like.

```
.text, #text, p{  
    color:rgb(137, 141, 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(137, 141, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 141, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.7243, 27.1213, 39.9028 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(137, 141, 166) }
```


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

```
.border{ border-color:rgb(137, 141, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 141, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 141, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 141, 166);  
box-shadow:4px 4px 4px 4px rgb(137, 141,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7243, 27.1213, 39.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 141, 166) }
```

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

```
.background{ background-color: rgb(137,  
141, 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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