

Converting Colors

XYZ(27.0084, 27.2351, 41.0494)

Have a look what the booklet for
XYZ(27.0084, 27.2351, 41.0494)
contains.

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Color

**XYZ(26.9093, 27.1953,
40.8767)**

Conversions

Conversions Part 1

Format	Color
Hex	898DA8
RGB	137, 141, 168
RGB Percent	54%, 55%, 66%
CMY	0.4627, 0.4470, 0.3412
CMYK	0.18, 0.16, 0.00, 0.34
HSL	232°, 15%, 60%
HSV	232°, 18%, 66%
XYZ	26.9093, 27.1953, 40.8767
YIQ	142.8820, -11.0510, 7.5490

Conversions

Conversions Part 2

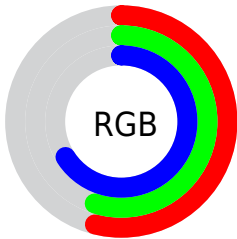
Format	Color
R _Y B	137, 141, 168
Decimal	9014696
CIE Lab	59.15, 4.37, -14.70
CIE LCh	59, 15.338, 286.565
Yxy	27.1953, 0.2833, 0.2863
Android (android.graphics.Color)	4287204776 (0xFF898DA8)
YUV	142.8820, 12.3832, -5.1585
Hunter-Lab	52.1491, 0.8463, -9.9697

Details

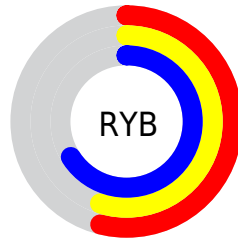
The XYZ color **26.9093, 27.1953, 40.8767** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **33.9395, 36.6818, 28.9591**, and the grayscale version is **26.0174, 27.3723, 29.8085**.

A 20% lighter version of the original color is **54.3202, 55.4343, 77.6489**, and **10.8240, 10.7694, 18.0312** is the 20% darker color. If you saturate the color by 10%, you get **22.3502, 21.8517, 40.0860**, and if you desaturate by 10%, it is **32.1840, 33.3323, 41.7837**.

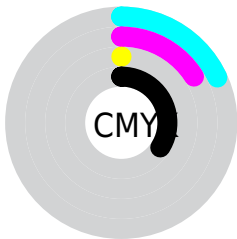
Distribution



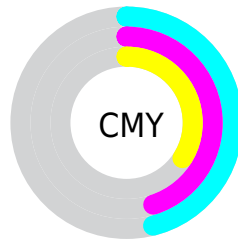
- Red (54%)
- Green (55%)
- Blue (66%)



- Red (54%)
- Yellow (55%)
- Blue (66%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)
- Black (34%)



- Cyan (46%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9093, 27.1953, 40.8767 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 26.9093, 27.1953, 40.8767 by changing the saturation by 10% instead.

■ 26.9093, 27.1953,
40.8767

■ 26.9093, 27.1953,
40.8767

279.3933,
288.6015, 365.4664

■ 17.6414, 17.7200,
27.9038

■ 54.1592, 55.1971,
77.7483

■ 10.7909, 10.7491,
18.0147

■ 72.8719, 74.4923,
102.4841

■ 5.9927, 5.8984,
10.7910

■ 95.4635, 97.8297,
131.9779

■ 2.8812, 2.7834,
5.8141

122.2994,
125.5935, 166.6483

■ 1.0913, 1.0197,
2.6654

153.7450,
158.1682, 206.9138

■ 0.0178, 0.0000,
0.9259

190.1656,

■ 0.0000, 0.0000,

195.9382, 253.1930

0.0000

231.9266,
239.2878, 305.9043

■ 26.9093, 27.1953,
40.8767

■ 26.9093, 27.1953,
40.8767

■ 22.3502, 21.8517,
40.0860

■ 32.1840, 33.3323,
41.7837

■ 18.4732, 17.2657,
39.4052

■ 38.2006, 40.2898,
42.8095

■ 15.2461, 13.4038,
38.8298

■ 44.9875, 48.0979,
43.9589

■ 12.6329, 10.2287,
38.3547

■ 52.5706, 56.7839,
45.2358

■ 10.5940, 7.6997,
37.9740

■ 60.9747, 66.3741,
46.6440

■ 9.0855, 5.7717,
37.6814

■ 70.2233, 76.8937,
48.1870

■ 8.0563, 4.3935,
37.4696

■ 80.3393, 88.3668,
49.8684

■ 7.4262, 3.4952,
37.3294

■ 84.0680, 95.6072,
51.0694

■ 7.3489, 3.3891,
37.3130

Harmonies

Analogous

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



25.0046, 27.1953, 41.0613



26.9093, 27.1953, 40.8767



28.6072, 27.1953, 37.4450

Triad

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



26.9093, 27.1953, 40.8767



28.4557, 27.1953, 22.6129



22.4391, 27.1953, 27.2345

Complementary

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



26.9093, 27.1953, 40.8767



33.9395, 36.6818, 28.9591

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.



23.2728, 27.1953, 22.9539



26.9093, 27.1953, 40.8767



26.7108, 27.1953, 20.5159

Square

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



26.9093, 27.1953, 40.8767



29.5297, 27.1953, 26.7132



24.8156, 27.1953, 20.6325



22.4864, 27.1953, 32.7113

Rectangle

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



26.9093, 27.1953, 40.8767



29.3655, 27.1953, 33.9931



24.8156, 27.1953, 20.6325



22.6238, 27.1953, 25.6228

Sweetspot

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



26.9101, 27.1964, 40.8773



60.8358, 63.3064, 76.2381



31.0085, 35.9996, 40.3736



13.1188, 13.6351, 16.5925



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.



26.9101, 27.1964, 40.8773



45.4099, 45.3500, 73.5852



28.2933, 27.0493, 40.7760



7.2070, 7.4509, 9.4767



5.5718, 2.6038, 28.1844



0.1584, 0.1091, 0.6934

Inverse Universe

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



29.9025, 28.1399, 29.0561



51.8408, 47.4384, 48.1666



32.3517, 36.9432, 29.0932



7.5691, 7.5575, 8.0479



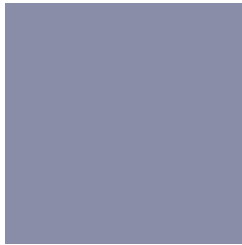
12.3130, 6.3339, 1.1938



0.3111, 0.1587, 0.0899

Previews

White Background



This preview shows how the XYZ color 26.9093, 27.1953, 40.8767 looks on a white background.

Color Contrast Check

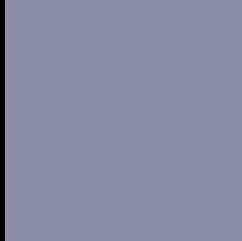
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9093, 27.1953, 40.8767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

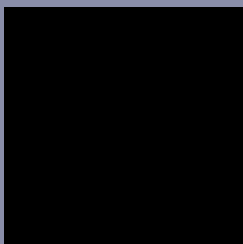
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

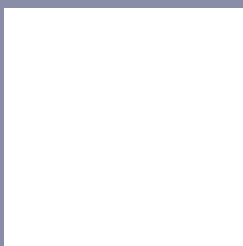
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9093, 27.1953, 40.8767

Background



This preview shows how black text looks on a background with the XYZ color 26.9093, 27.1953, 40.8767.



This preview shows how white text looks on a background with the XYZ color 26.9093, 27.1953,

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

26.9093, 27.1953, 40.8767

Protanopia

26.9093, 27.1953, 40.8767

Deuteranopia

27.6282, 27.1320, 40.8266



Tritanopia

25.7305, 27.1624, 34.8971

Trichromacy



Original Color

26.9093, 27.1953, 40.8767

Protanomaly

26.9093, 27.1953, 40.8767

Deuteranomaly

27.4305, 27.2460, 40.8591

Tritanomaly

26.1715, 27.1183, 37.1127

Monochromacy



Original Color

26.9093, 27.1953, 40.8767

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.3250, 27.2757, 33.5830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9093, 27.1953, 40.8767 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(137, 141, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 141, 168) }
```

Border

The CSS property to change the border of an element to XYZ 26.9093, 27.1953, 40.8767 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, 168) }
```


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

```
.border{ border-color:rgb(137, 141, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 141, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 141, 168);  
box-shadow:4px 4px 4px 4px rgb(137, 141,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9093, 27.1953, 40.8767 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, 168) }
```

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

```
.background{ background-color: rgb(137,  
141, 168) }
```

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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