

Converting Colors

XYZ(24.1398, 25.1411, 39.6568)

Have a look what the booklet for
XYZ(24.1398, 25.1411, 39.6568)
contains.

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Color

**XYZ(24.1398, 25.1411,
39.6568)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8AA6
RGB	123, 138, 166
RGB Percent	48%, 54%, 65%
CMY	0.5176, 0.4588, 0.3490
CMYK	0.26, 0.17, 0.00, 0.35
HSL	219°, 19%, 57%
HSV	219°, 26%, 65%
XYZ	24.1398, 25.1411, 39.6568
YIQ	136.7070, -17.9280, 5.5280

Conversions

Conversions Part 2

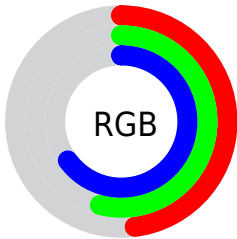
Format	Color
R_{YB}	123, 134, 166
Decimal	8096422
CIE _{Lab}	57.21, 1.07, -16.60
CIE _{LCh}	57, 16.635, 273.689
Yxy	25.1411, 0.2714, 0.2827
Android (android.graphics.Color)	4286286502 (0xFF7B8AA6)
YUV	136.7070, 14.4414, -12.0210
Hunter-Lab	50.1409, -1.8097, -11.7943

Details

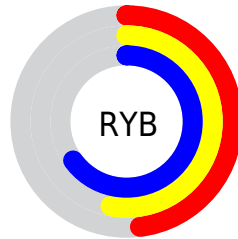
The XYZ color **24.1398, 25.1411, 39.6568** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **30.3680, 31.6704, 23.2520**, and the grayscale version is **23.6201, 24.8502, 27.0618**.

A 20% lighter version of the original color is **49.5864, 51.7122, 75.7746**, and **9.2746, 9.6108, 17.2858** is the 20% darker color. If you saturate the color by 10%, you get **20.4892, 21.0710, 39.0640**, and if you desaturate by 10%, it is **28.3490, 29.7295, 40.3210**.

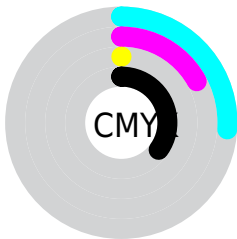
Distribution



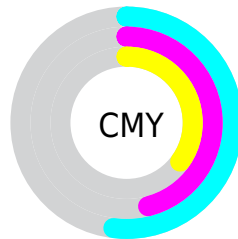
- Red (48%)
- Green (54%)
- Blue (65%)



- Red (48%)
- Yellow (53%)
- Blue (65%)



- Cyan (26%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (52%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1398, 25.1411, 39.6568 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 24.1398, 25.1411, 39.6568 by changing the saturation by 10% instead.

■ 24.1398, 25.1411,
39.6568

■ 24.1398, 25.1411,
39.6568

265.9539,
278.5399, 360.1839

■ 15.5627, 16.1822,
26.9593

■ 49.7113, 51.8860,
75.8720

■ 9.3041, 9.6532,
17.3105

■ 67.4363, 70.4409,
100.2267

■ 4.9987, 5.1696,
10.2918

■ 88.9413, 92.9631,
129.3044

■ 2.2813, 2.3471,
5.4847

114.5917,
119.8373, 163.5233

■ 0.7851, 0.7985,
2.4707

144.7528,
151.4476, 203.3022

■ 0.0000, 0.0000,
0.8246

179.7899,

■ 0.0000, 0.0000,

188.1785, 249.0596

0.0000

220.0685,
230.4145, 301.2140

■ 24.1398, 25.1411,
39.6568

■ 24.1398, 25.1411,
39.6568

■ 20.4892, 21.0710,
39.0640

■ 28.3490, 29.7295,
40.3210

■ 17.3701, 17.4967,
38.5385

■ 33.1376, 34.8516,
41.0573

■ 14.7565, 14.3985,
38.0783

■ 38.5283, 40.5257,
41.8684

■ 12.6190, 11.7540,
37.6805

■ 44.5416, 46.7684,
42.7564

■ 10.9253, 9.5386,
37.3421

■ 51.1973, 53.5954,
43.7234

■ 9.6380, 7.7249,
37.0599

■ 58.5141, 61.0221,
44.7712

■ 8.7094, 6.2795,
36.8298

■ 66.5100, 69.0630,
45.9018

■ 8.3916, 5.7705,
36.7483

■ 74.9062, 77.5796,
47.1032

■ 77.9124, 83.5919,
48.1052

Harmonies

Analogous

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



22.2597, 25.1411, 38.2666



24.1398, 25.1411, 39.6568



26.0538, 25.1411, 37.4027

Triad

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



24.1398, 25.1411, 39.6568



27.1800, 25.1411, 21.7996



20.6661, 25.1411, 22.8522

Complementary

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



24.1398, 25.1411, 39.6568



30.3680, 31.6704, 23.2520

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.



21.8605, 25.1411, 19.3208



24.1398, 25.1411, 39.6568



25.6103, 25.1411, 18.7741

Square

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



24.1398, 25.1411, 39.6568



27.8687, 25.1411, 26.6840



23.6536, 25.1411, 17.9325



20.3197, 25.1411, 28.0766

Rectangle

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



24.1398, 25.1411, 39.6568



27.0721, 25.1411, 34.2962



23.6536, 25.1411, 17.9325



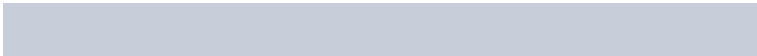
20.9783, 25.1411, 21.4528

Sweetspot

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



24.1406, 25.1421, 39.6574



58.0954, 61.0778, 74.2025



27.3870, 33.7166, 34.3219



12.7084, 13.3565, 16.5604



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.



24.1406, 25.1421, 39.6574



39.9316, 41.3255, 71.3473



23.0883, 21.6222, 39.0334



7.3379, 7.7127, 9.5203



6.5475, 4.5551, 28.5096



0.2071, 0.2064, 0.7096

Inverse Universe

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



27.3969, 24.1086, 27.2553



46.9196, 39.4022, 44.6670



31.6193, 36.1303, 24.0469



7.6351, 7.5839, 8.3959



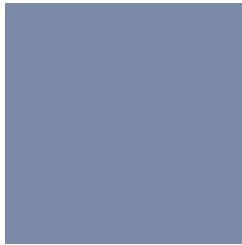
12.8055, 6.5309, 3.7871



0.3357, 0.1685, 0.2192

Previews

White Background



This preview shows how the XYZ color 24.1398, 25.1411, 39.6568 looks on a white background.

Color Contrast Check

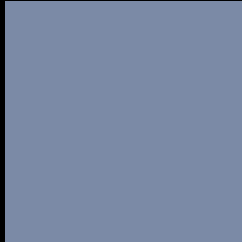
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1398, 25.1411, 39.6568 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

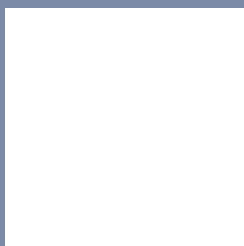
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1398, 25.1411, 39.6568

Background



This preview shows how black text looks on a background with the XYZ color 24.1398, 25.1411, 39.6568.



This preview shows how white text looks on a background with the XYZ color 24.1398, 25.1411,

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

24.1398, 25.1411, 39.6568

Protanopia

24.9558, 25.1502, 39.1365

Deuteranopia

25.6535, 25.0745, 40.0470



Tritanopia

22.7913, 25.0162, 33.3331

Trichromacy



Original Color

24.1398, 25.1411, 39.6568

Protanomaly

24.6393, 25.1971, 39.1622

Deuteranomaly

24.9991, 24.9433, 40.0562

Tritanomaly

23.2036, 24.9645, 35.4940

Monochromacy



Original Color

24.1398, 25.1411, 39.6568

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8067, 24.9350, 31.5752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1398, 25.1411, 39.6568 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(123, 138, 166)` looks like.

```
.text, #text, p{  
    color:rgb(123, 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(123, 138, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 138, 166) }
```

Border

The CSS property to change the border of an element to XYZ 24.1398, 25.1411, 39.6568 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(123, 138, 166) }
```


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

```
.border{ border-color:rgb(123, 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(123, 138, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 138, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 138, 166);  
box-shadow:4px 4px 4px 4px rgb(123, 138,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1398, 25.1411, 39.6568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 138, 166) }
```

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

```
.background{ background-color: rgb(123,  
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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