

Converting Colors

XYZ(24.7690, 26.6515, 39.9155)

Have a look what the booklet for
XYZ(24.7690, 26.6515, 39.9155)
contains.

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Color

**XYZ(24.7314, 26.5357,
39.8948)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8FA6
RGB	122, 143, 166
RGB Percent	48%, 56%, 65%
CMY	0.5216, 0.4392, 0.3490
CMYK	0.27, 0.14, 0.00, 0.35
HSL	211°, 20%, 56%
HSV	211°, 27%, 65%
XYZ	24.7314, 26.5357, 39.8948
YIQ	139.3430, -19.8990, 2.7010

Conversions

Conversions Part 2

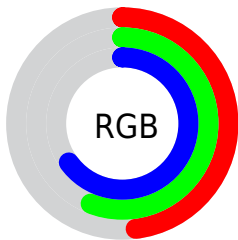
Format	Color
R_{YB}	122, 136, 166
Decimal	8032166
CIE Lab	58.54, -2.09, -14.59
CIE LCh	59, 14.743, 261.833
Yxy	26.5357, 0.2713, 0.2911
Android (android.graphics.Color)	4286222246 (0xFF7A8FA6)
YUV	139.3430, 13.1419, -15.2098
Hunter-Lab	51.5128, -4.4492, -9.8590

Details

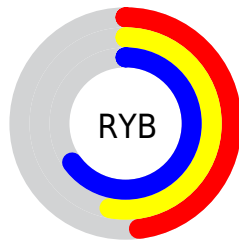
The XYZ color **24.7314, 26.5357, 39.8948** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.3643, 29.7629, 22.6100**, and the grayscale version is **24.6298, 25.9125, 28.2187**.

A 20% lighter version of the original color is **50.6966, 54.2669, 76.2092**, and **9.6241, 10.4213, 17.4239** is the 20% darker color. If you saturate the color by 10%, you get **21.3263, 22.9214, 39.3771**, and if you desaturate by 10%, it is **28.6404, 30.5606, 40.4661**.

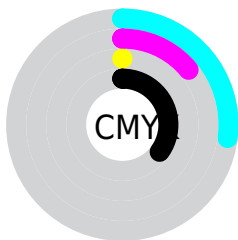
Distribution



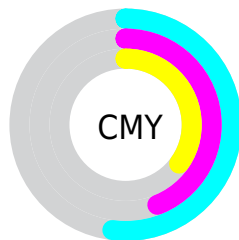
- Red (48%)
- Green (56%)
- Blue (65%)



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



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (35%)



- Cyan (52%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7314, 26.5357, 39.8948 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 24.7314, 26.5357, 39.8948 by changing the saturation by 10% instead.

■ 24.7314, 26.5357,
39.8948

■ 24.7314, 26.5357,
39.8948

268.8700,
285.4020, 361.2189

■ 16.0047, 17.2248,
27.1434

■ 50.6672, 54.1379,
76.2386

■ 9.6184, 10.3949,
17.4475

■ 68.6070, 73.1980,
100.6681

■ 5.2070, 5.6616,
10.3888

■ 90.3485, 96.2767,
129.8273

■ 2.4052, 2.6404,
5.5485

116.2572,
123.7583, 164.1349

■ 0.8477, 0.9470,
2.5082

146.6983,
156.0272, 204.0093

■ 0.0000, 0.0000,
0.8445

182.0373,

■ 0.0000, 0.0000,

193.4679, 249.8690

0.0000

222.6394,
236.4647, 302.1327

■ 24.7314, 26.5357,
39.8948

■ 24.7314, 26.5357,
39.8948

■ 21.3263, 22.9214,
39.3771

■ 28.6404, 30.5606,
40.4661

■ 18.4000, 19.6996,
38.9094

■ 33.0720, 35.0071,
41.0908

■ 15.9287, 16.8550,
38.4906

■ 38.0469, 39.8897,
41.7710

■ 13.8856, 14.3703,
38.1187

■ 43.5839, 45.2211,
42.5082

■ 12.2406, 12.2262,
37.7916

■ 49.7008, 51.0134,
43.3039

■ 10.9591, 10.4009,
37.5068

■ 56.4147, 57.2785,
44.1593

■ 9.9931, 8.8655,
37.2614

■ 63.7419, 64.0274,
45.0758

■ 9.6960, 8.3791,
37.1831

■ 71.6980, 71.2710,
46.0546

■ 74.0040, 75.7751,
46.8025

Harmonies

Analogous

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



23.1362, 26.5357, 37.4363



24.7314, 26.5357, 39.8948



26.5347, 26.5357, 39.1403

Triad

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



24.7314, 26.5357, 39.8948



28.5834, 26.5357, 25.3506



22.5891, 26.5357, 23.1738

Complementary

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



24.7314, 26.5357, 39.8948



29.3643, 29.7629, 22.6100

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.



23.9521, 26.5357, 20.6110



24.7314, 26.5357, 39.8948



27.4282, 26.5357, 21.7594

Square

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



24.7314, 26.5357, 39.8948



28.8164, 26.5357, 30.3285



25.7178, 26.5357, 20.1260



21.9385, 26.5357, 27.5033

Rectangle

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



24.7314, 26.5357, 39.8948



27.6085, 26.5357, 36.9525



25.7178, 26.5357, 20.1260



22.9760, 26.5357, 22.0996

Sweetspot

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



24.7322, 26.5368, 39.8954



58.6336, 62.1541, 74.3819



26.7530, 33.4466, 31.7267



12.8488, 13.6374, 16.6072



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.



24.7322, 26.5368, 39.8954



41.0162, 44.0793, 71.8216



21.9733, 20.8641, 38.9459



7.4161, 7.8691, 9.5464



7.5649, 6.5901, 28.8488



0.2355, 0.2633, 0.7191

Inverse Universe

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



27.6440, 24.0098, 29.1652



47.3244, 39.0179, 48.4826



32.7221, 36.7060, 23.7732



7.6746, 7.5997, 8.6038



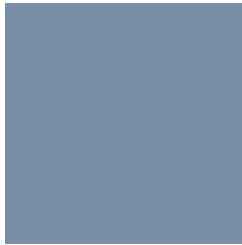
13.3190, 6.7363, 6.4915



0.3500, 0.1743, 0.2948

Previews

White Background



This preview shows how the XYZ color 24.7314, 26.5357, 39.8948 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 24.7314, 26.5357, 39.8948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

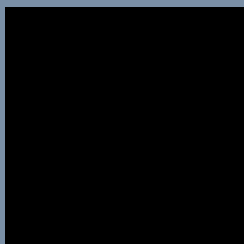
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

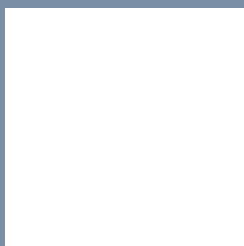
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7314, 26.5357, 39.8948

Background



This preview shows how black text looks on a background with the XYZ color 24.7314, 26.5357, 39.8948.



This preview shows how white text looks on a background with the XYZ color 24.7314, 26.5357,

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

24.7314, 26.5357, 39.8948

Protanopia

26.0868, 26.3798, 38.8388

Deuteranopia

26.9052, 26.3441, 40.2261



Tritanopia

23.8719, 26.6442, 35.3371

Trichromacy



Original Color

24.7314, 26.5357, 39.8948

Protanomaly

25.5297, 26.2981, 39.3278

Deuteranomaly

26.0392, 26.3236, 40.2678

Tritanomaly

24.2036, 26.5495, 37.1066

Monochromacy



Original Color

24.7314, 26.5357, 39.8948

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4758, 25.9126, 32.1454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7314, 26.5357, 39.8948 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(122, 143, 166)` looks like.

```
.text, #text, p{  
    color:rgb(122, 143, 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(122, 143, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 143, 166) }
```

Border

The CSS property to change the border of an element to XYZ 24.7314, 26.5357, 39.8948 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(122, 143, 166) }
```


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

```
.border{ border-color:rgb(122, 143, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 143, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 143, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 143, 166);  
box-shadow:4px 4px 4px 4px rgb(122, 143,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7314, 26.5357, 39.8948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 143, 166) }
```

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

```
.background{ background-color: rgb(122,  
143, 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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