

Converting Colors

XYZ(24.6827, 26.4999, 40.3733)

Have a look what the booklet for
XYZ(24.6827, 26.4999, 40.3733)
contains.

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Color

**XYZ(24.6827, 26.4999,
40.3733)**

Conversions

Conversions Part 1

Format	Color
Hex	798FA7
RGB	121, 143, 167
RGB Percent	47%, 56%, 65%
CMY	0.5255, 0.4392, 0.3451
CMYK	0.28, 0.14, 0.00, 0.35
HSL	211°, 21%, 56%
HSV	211°, 28%, 65%
XYZ	24.6827, 26.4999, 40.3733
YIQ	139.1580, -20.8160, 2.8000

Conversions

Conversions Part 2

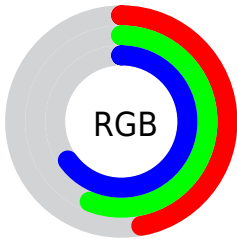
Format	Color
R_{YB}	121, 136, 167
Decimal	7966631
CIE _{Lab}	58.51, -2.16, -15.22
CIE _{LCh}	59, 15.373, 261.925
Yxy	26.4999, 0.2696, 0.2894
Android (android.graphics.Color)	4286156711 (0xFF798FA7)
YUV	139.1580, 13.7261, -15.9246
Hunter-Lab	51.4781, -4.4994, -10.4654

Details

The XYZ color **24.6827, 26.4999, 40.3733** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.5134, 29.8471, 22.2955**, and the grayscale version is **24.5566, 25.8355, 28.1349**.

A 20% lighter version of the original color is **50.6066, 54.2051, 76.9026**, and **9.6074, 10.4061, 17.7219** is the 20% darker color. If you saturate the color by 10%, you get **21.2845, 22.8818, 39.8545**, and if you desaturate by 10%, it is **28.5893, 30.5322, 40.9462**.

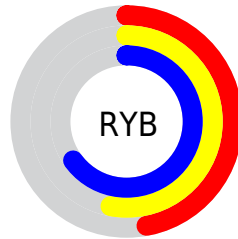
Distribution



Red (47%)

Green (56%)

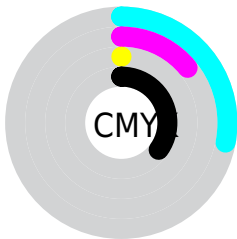
Blue (65%)



Red (47%)

Yellow (53%)

Blue (65%)

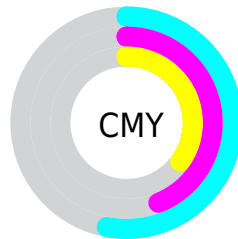


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6827, 26.4999, 40.3733 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 24.6827, 26.4999, 40.3733 by changing the saturation by 10% instead.

■ 24.6827, 26.4999,
40.3733

■ 24.6827, 26.4999,
40.3733

268.6309,
285.2275, 363.2932

■ 15.9683, 17.1980,
27.5137

■ 50.5886, 54.0803,
76.9749

■ 9.5924, 10.3758,
17.7236

■ 68.5108, 73.1276,
101.5540

■ 5.1897, 5.6488,
10.5843

■ 90.2330, 96.1922,
130.8768

■ 2.3949, 2.6327,
5.6774

116.1205,
123.6584, 165.3616

■ 0.8426, 0.9431,
2.5844

146.5387,
155.9106, 205.4272

■ 0.0000, 0.0000,
0.8844

181.8529,

■ 0.0000, 0.0000,

193.3333, 251.4919

0.0000

222.4286,
236.3108, 303.9744

■ 24.6827, 26.4999,
40.3733

■ 24.6827, 26.4999,
40.3733

■ 21.2845, 22.8818,
39.8545

■ 28.5893, 30.5322,
40.9462

■ 18.3690, 19.6593,
39.3861

■ 33.0235, 34.9900,
41.5729

■ 15.9121, 16.8171,
38.9670

■ 38.0063, 39.8879,
42.2557

■ 13.8860, 14.3372,
38.5952

■ 43.5569, 45.2389,
42.9960

■ 12.2598, 12.1999,
38.2683

■ 49.6935, 51.0555,
43.7952

■ 10.9980, 10.3829,
37.9841

■ 56.4334, 57.3494,
44.6549

■ 10.0448, 8.8533,
37.7391

■ 63.7933, 64.1321,
45.5761

■ 9.8346, 8.5090,
37.6837

■ 71.7892, 71.4147,
46.5604

■ 74.1818, 75.9834,
47.3161

Harmonies

Analogous

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



23.0220, 26.4999, 37.8008



24.6827, 26.4999, 40.3733



26.5622, 26.4999, 39.5699

Triad

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



24.6827, 26.4999, 40.3733



28.6940, 26.4999, 25.1562



22.4460, 26.4999, 22.9255

Complementary

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



24.6827, 26.4999, 40.3733



29.5134, 29.8471, 22.2955

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.



23.8608, 26.4999, 20.2716



24.6827, 26.4999, 40.3733



27.4844, 26.4999, 21.4434

Square

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



24.6827, 26.4999, 40.3733



28.9409, 26.4999, 30.3336



25.6989, 26.4999, 19.7649



21.7732, 26.4999, 27.4231

Rectangle

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



24.6827, 26.4999, 40.3733



27.6822, 26.4999, 37.2677



25.6989, 26.4999, 19.7649



22.8471, 26.4999, 21.8125

Sweetspot

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



24.6835, 26.5010, 40.3739



58.6377, 62.1623, 74.3833



26.7974, 33.7401, 31.7946



12.8499, 13.6395, 16.6076



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.



24.6835, 26.5010, 40.3739



40.4152, 43.4508, 71.7320



21.8062, 20.5861, 39.3839



7.4167, 7.8703, 9.5466



7.5740, 6.6082, 28.8518



0.2358, 0.2638, 0.7191

Inverse Universe

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



27.7324, 23.8742, 29.1343



46.8810, 38.3045, 47.8005



33.0453, 37.1506, 23.5191



7.6749, 7.5998, 8.6054



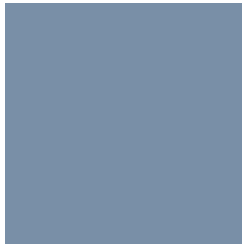
13.3236, 6.7382, 6.5157



0.3502, 0.1743, 0.2954

Previews

White Background



This preview shows how the XYZ color 24.6827, 26.4999, 40.3733 looks on a white background.

Color Contrast Check

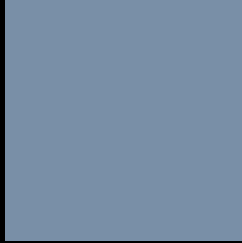
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6827, 26.4999, 40.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

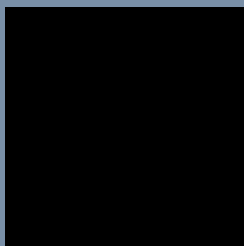
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

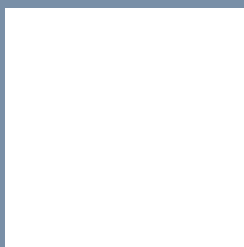
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6827, 26.4999, 40.3733

Background



This preview shows how black text looks on a background with the XYZ color 24.6827, 26.4999, 40.3733.



This preview shows how white text looks on a background with the XYZ color 24.6827, 26.4999,

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

24.6827, 26.4999, 40.3733

Protanopia

26.0868, 26.3798, 38.8388

Deuteranopia

26.8288, 26.2939, 40.7070



Tritanopia

23.7339, 26.5730, 35.3307

Trichromacy



Original Color

24.6827, 26.4999, 40.3733

Protanomaly

25.5297, 26.2981, 39.3278

Deuteranomaly

25.9734, 26.2789, 40.7492

Tritanomaly

24.0642, 26.4777, 37.1001

Monochromacy



Original Color

24.6827, 26.4999, 40.3733

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.3186, 25.8316, 32.1380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6827, 26.4999, 40.3733 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(121, 143, 167)` looks like.

```
.text, #text, p{  
    color:rgb(121, 143, 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(121, 143, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 143, 167) }
```

Border

The CSS property to change the border of an element to XYZ 24.6827, 26.4999, 40.3733 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(121, 143, 167) }
```


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

```
.border{ border-color:rgb(121, 143, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 143, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 143, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 143, 167);  
box-shadow:4px 4px 4px 4px rgb(121, 143,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6827, 26.4999, 40.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 143, 167) }
```

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

```
.background{ background-color: rgb(121,  
143, 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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