

Converting Colors

XYZ(24.6549, 26.4003, 29.7833)

Have a look what the booklet for
XYZ(24.6549, 26.4003, 29.7833)
contains.

XYZ(24.7843, 26.5634, 29.8076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.7843, 26.5634,
29.8076)**

Conversions

Conversions Part 1

Format	Color
Hex	888E8F
RGB	136, 142, 143
RGB Percent	53%, 56%, 56%
CMY	0.4667, 0.4431, 0.4392
CMYK	0.05, 0.01, 0.00, 0.44
HSL	189°, 3%, 55%
HSV	189°, 5%, 56%
XYZ	24.7843, 26.5634, 29.8076
YIQ	140.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

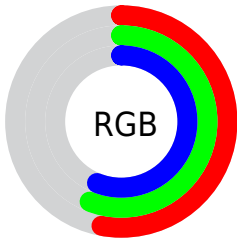
Format	Color
R_{YB}	136, 139, 143
Decimal	8949391
CIE _{Lab}	58.57, -1.98, -1.30
CIE _{LCh}	59, 2.366, 213.256
Yxy	26.5634, 0.3054, 0.3273
Android (android.graphics.Color)	4287139471 (0xFF888E8F)
YUV	140.3200, 1.3212, -3.7886
Hunter-Lab	51.5397, -4.3578, 1.7879

Details

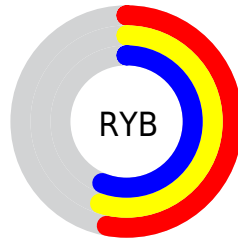
The XYZ color **24.7843, 26.5634, 29.8076** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7175, 25.5084, 26.9139**, and the grayscale version is **25.0485, 26.3529, 28.6983**.

A 20% lighter version of the original color is **50.8042, 54.3299, 60.6324**, and **9.6407, 10.4230, 11.8597** is the 20% darker color. If you saturate the color by 10%, you get **22.3147, 24.8449, 29.6065**, and if you desaturate by 10%, it is **27.5708, 28.4550, 30.0263**.

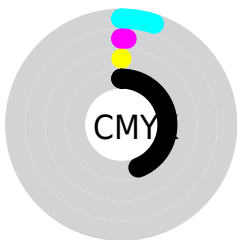
Distribution



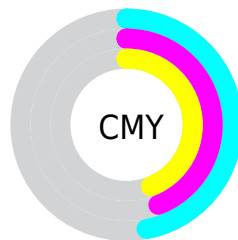
- Red (53%)
- Green (56%)
- Blue (56%)



- Red (53%)
- Yellow (55%)
- Blue (56%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (47%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7843, 26.5634, 29.8076 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 24.7843, 26.5634, 29.8076 by changing the saturation by 10% instead.

■ 24.7843, 26.5634,
29.8076

■ 24.7843, 26.5634,
29.8076

269.1295,
285.5369, 315.1859

■ 16.0443, 17.2456,
19.4418

■ 50.7525, 54.1825,
60.4152

■ 9.6466, 10.4098,
11.8099

■ 68.7114, 73.2525,
81.4940

■ 5.2257, 5.6715,
6.4934

■ 90.4740, 96.3421,
106.9810

■ 2.4164, 2.6464,
3.0738

116.4056,
123.8356, 137.2945

■ 0.8533, 0.9500,
1.1324

146.8716,
156.1175, 172.8533

■ 0.0000, 0.0000,
0.0000

182.2374,

193.5720, 214.0757

222.8682,
236.5837, 261.3804

■ 24.7843, 26.5634,
29.8076

■ 24.7843, 26.5634,
29.8076

■ 22.3147, 24.8449,
29.6065

■ 27.5708, 28.4550,
30.0263

■ 20.1477, 23.2897,
29.4205

■ 30.6836, 30.5224,
30.2612

■ 18.2708, 21.8923,
29.2497

■ 34.1343, 32.7723,
30.5136

■ 16.6702, 20.6455,
29.0934

■ 37.9333, 35.2101,
30.7840

■ 15.3307, 19.5413,
28.9509

■ 42.0907, 37.8411,
31.0727

■ 14.2357, 18.5711,
28.8213

■ 46.6159, 40.6702,
31.3802

■ 13.3666, 17.7254,
28.7039

■ 51.5183, 43.7022,
31.7071

■ 12.7021, 16.9931,
28.5976

■ 56.8067, 46.9417,
32.0536

■ 12.2141, 16.3597,
28.5010

■ 58.8296, 48.5063,
32.2490

Harmonies

Analogous

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



24.6951, 26.5634, 29.0138



24.7843, 26.5634, 29.8076



24.9976, 26.5634, 30.3727

Triad

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



24.7843, 26.5634, 29.8076



25.7489, 26.5634, 29.6476



25.2161, 26.5634, 27.3578

Complementary

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



24.7843, 26.5634, 29.8076



24.7175, 25.5084, 26.9139

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.



25.4995, 26.5634, 27.5203



24.7843, 26.5634, 29.8076



25.8085, 26.5634, 28.8324

Square

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



24.7843, 26.5634, 29.8076



25.5547, 26.5634, 30.2791



25.7169, 26.5634, 28.0561



24.9432, 26.5634, 27.6081

Rectangle

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



24.7843, 26.5634, 29.8076



25.1823, 26.5634, 30.5380



25.7169, 26.5634, 28.0561



25.3133, 26.5634, 27.3660

Sweetspot

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



24.7851, 26.5645, 29.8082



46.2498, 48.8468, 53.5288



24.4869, 26.6839, 27.5023



10.6135, 11.2067, 12.2759



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.7851, 26.5645, 29.8082



43.8104, 47.1765, 53.3349



24.2818, 25.5579, 29.6404



5.6576, 6.0992, 6.9078



10.6158, 14.2175, 25.1618



0.1131, 0.1592, 0.2444

Inverse Universe

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



25.0150, 25.4015, 29.1770



44.3228, 44.5946, 51.9261



25.2136, 26.5008, 27.0793



5.7271, 5.7493, 6.7167



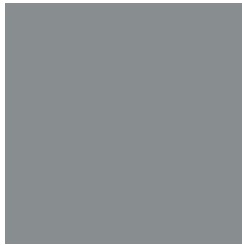
13.1615, 6.4216, 17.0334



0.1317, 0.0637, 0.1937

Previews

White Background



This preview shows how the XYZ color 24.7843, 26.5634, 29.8076 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 24.7843, 26.5634, 29.8076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

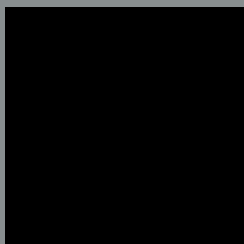
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

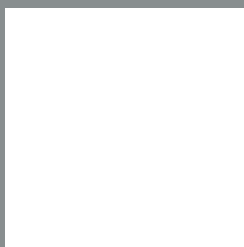
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7843, 26.5634, 29.8076

Background



This preview shows how black text looks on a background with the XYZ color 24.7843, 26.5634, 29.8076.



This preview shows how white text looks on a background with the XYZ color 24.7843, 26.5634,

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

24.7843, 26.5634, 29.8076

Protanopia

25.5883, 26.5488, 29.3670

Deuteranopia

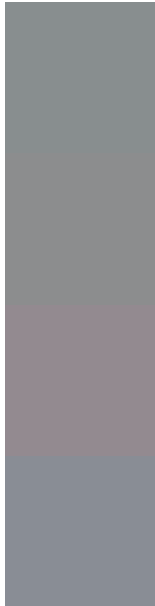
26.9751, 26.3942, 30.0584



Tritanopia

25.5089, 26.6351, 33.5024

Trichromacy



Original Color

24.7843, 26.5634, 29.8076

Protanomaly

25.2226, 26.5782, 29.3919

Deuteranomaly

26.1551, 26.3936, 30.1015

Tritanomaly

25.2662, 26.5380, 32.2245

Monochromacy



Original Color

24.7843, 26.5634, 29.8076

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9801, 26.4618, 28.9904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7843, 26.5634, 29.8076 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(136, 142, 143) looks like.

```
.text, #text, p{  
    color:rgb(136, 142, 143)  
}
```

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(136, 142, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 142, 143) }
```

Border

The CSS property to change the border of an element to XYZ 24.7843, 26.5634, 29.8076 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(136, 142, 143) }
```


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

```
.border{ border-color:rgb(136, 142, 143) }
```

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

Here you see how a box with a 4 pixel rgb(136, 142, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 142, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 142, 143);  
box-shadow:4px 4px 4px 4px rgb(136, 142,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7843, 26.5634, 29.8076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 142, 143) }
```

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

```
.background{ background-color: rgb(136,  
142, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor