

Converting Colors

XYZ(24.9239, 26.6693, 29.9195)

Have a look what the booklet for
XYZ(24.9239, 26.6693, 29.9195)
contains.

XYZ(24.9475, 26.6475, 29.8152)	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(24.9475, 26.6475,
29.8152)**

Conversions

Conversions Part 1

Format	Color
Hex	898E8F
RGB	137, 142, 143
RGB Percent	54%, 56%, 56%
CMY	0.4627, 0.4431, 0.4392
CMYK	0.04, 0.01, 0.00, 0.44
HSL	190°, 3%, 55%
HSV	190°, 4%, 56%
XYZ	24.9475, 26.6475, 29.8152
YIQ	140.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

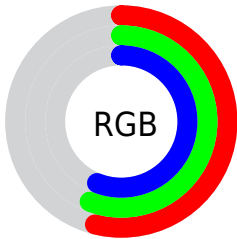
Format	Color
R_{YB}	137, 140, 143
Decimal	9014927
CIE _{Lab}	58.65, -1.62, -1.17
CIE _{LCh}	59, 1.998, 215.944
Yxy	26.6475, 0.3064, 0.3273
Android (android.graphics.Color)	4287205007 (0xFF898E8F)
YUV	140.6190, 1.1738, -3.1739
Hunter-Lab	51.6212, -4.0717, 1.8903

Details

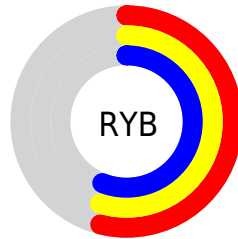
The XYZ color **24.9475, 26.6475, 29.8152** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9317, 25.8227, 27.3378**, and the grayscale version is **25.1655, 26.4760, 28.8324**.

A 20% lighter version of the original color is **51.0532, 54.4582, 60.6440**, and **9.7334, 10.4708, 11.8640** is the 20% darker color. If you saturate the color by 10%, you get **22.4071, 24.8188, 29.5965**, and if you desaturate by 10%, it is **27.8077, 28.6538, 30.0521**.

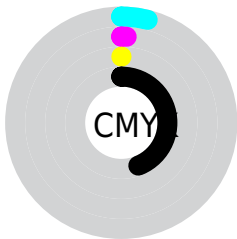
Distribution



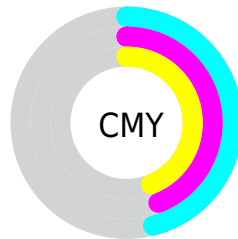
- Red (54%)
- Green (56%)
- Blue (56%)



- Red (54%)
- Yellow (55%)
- Blue (56%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9475, 26.6475, 29.8152 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 24.9475, 26.6475, 29.8152 by changing the saturation by 10% instead.

■ 24.9475, 26.6475,
29.8152

■ 24.9475, 26.6475,
29.8152

269.9289,
285.9463, 315.2226

■ 16.1665, 17.3087,
19.4475

■ 51.0155, 54.3177,
60.4274

■ 9.7336, 10.4548,
11.8140

■ 69.0333, 73.4178,
81.5089

■ 5.2836, 5.7015,
6.4962

■ 90.8606, 96.5406,
106.9988

■ 2.4511, 2.6645,
3.0754

116.8629,
124.0702, 137.3156

■ 0.8706, 0.9592,
1.1333

147.4055,
156.3912, 172.8778

■ 0.0000, 0.0000,
0.0000

182.8538,

193.8880, 214.1040

223.5731,
236.9449, 261.4128

■ 24.9475, 26.6475,
29.8152

■ 24.9475, 26.6475,
29.8152

■ 22.4071, 24.8188,
29.5965

■ 27.8077, 28.6538,
30.0521

■ 20.1720, 23.1579,
29.3938

■ 30.9970, 30.8402,
30.3060

■ 18.2300, 21.6592,
29.2068

■ 34.5270, 33.2136,
30.5781

■ 16.5672, 20.3155,
29.0351

■ 38.4081, 35.7794,
30.8688

■ 15.1686, 19.1189,
28.8778

■ 42.6503, 38.5428,
31.1786

■ 14.0176, 18.0607,
28.7343

■ 47.2631, 41.5089,
31.5080

■ 13.0958, 17.1315,
28.6035

■ 52.2558, 44.6824,
31.8574

■ 12.3821, 16.3203,
28.4845

■ 57.6372, 48.0680,
32.2272

■ 11.8503, 15.6136,
28.3761

■ 59.3681, 49.5834,
32.4285

Harmonies

Analogous

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



24.8612, 26.6475, 29.1548



24.9475, 26.6475, 29.8152



25.1358, 26.6475, 30.2663

Triad

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



24.9475, 26.6475, 29.8152



25.7610, 26.6475, 29.5690



25.2788, 26.6475, 27.6910

Complementary

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



24.9475, 26.6475, 29.8152



24.9317, 25.8227, 27.3378

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.



25.5205, 26.6475, 27.7978



24.9475, 26.6475, 29.8152



25.7999, 26.6475, 28.8749

Square

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



24.9475, 26.6475, 29.8152



25.6057, 26.6475, 30.1226



25.7116, 26.6475, 28.2285



25.0516, 26.6475, 27.9341

Rectangle

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



24.9475, 26.6475, 29.8152



25.2943, 26.6475, 30.3838



25.7116, 26.6475, 28.2285



25.3610, 26.6475, 27.6872

Sweetspot

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



24.9483, 26.6486, 29.8158



46.2405, 48.8282, 53.5257



24.7197, 26.7959, 27.8766



10.6115, 11.2027, 12.2753



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.



24.9483, 26.6486, 29.8158



44.2403, 47.4118, 53.3577



24.5221, 25.7963, 29.6737



5.7063, 6.1243, 6.9101



10.2522, 13.4903, 25.0406



0.1111, 0.1552, 0.2438

Inverse Universe

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



25.1565, 25.6846, 29.2241



44.6922, 45.3260, 52.0722



25.3537, 26.6666, 27.4784



5.7693, 5.8338, 6.7307



12.9779, 6.3482, 16.0670



0.1307, 0.0633, 0.1885

Previews

White Background



This preview shows how the XYZ color 24.9475, 26.6475, 29.8152 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 24.9475, 26.6475, 29.8152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

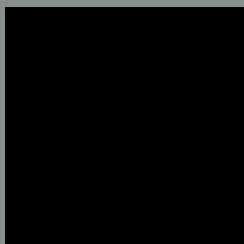
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

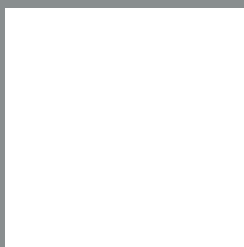
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9475, 26.6475, 29.8152

Background



This preview shows how black text looks on a background with the XYZ color 24.9475, 26.6475, 29.8152.



This preview shows how white text looks on a background with the XYZ color 24.9475, 26.6475,

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

24.9475, 26.6475, 29.8152

Protanopia

25.5883, 26.5488, 29.3670

Deuteranopia

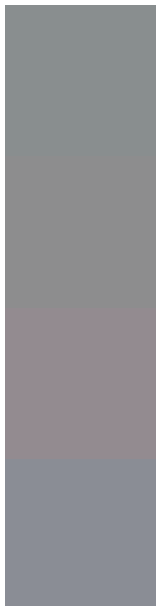
27.1166, 26.6772, 30.1056



Tritanopia

25.6736, 26.7200, 33.5101

Trichromacy



Original Color

24.9475, 26.6475, 29.8152

Protanomaly

25.3919, 26.6655, 29.3998

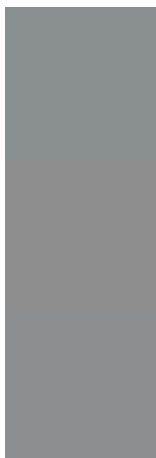
Deuteranomaly

26.2993, 26.6819, 30.1496

Tritanomaly

25.4309, 26.6230, 32.2322

Monochromacy



Original Color

24.9475, 26.6475, 29.8152

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.2226, 26.5782, 29.3919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9475, 26.6475, 29.8152 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, 142, 143)` looks like.

```
.text, #text, p{  
    color:rgb(137, 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(137, 142, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 142, 143) }
```

Border

The CSS property to change the border of an element to XYZ 24.9475, 26.6475, 29.8152 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, 142, 143) }
```


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

```
.border{ border-color:rgb(137, 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(137, 142, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 142, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 142, 143);  
box-shadow:4px 4px 4px 4px rgb(137, 142,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9475, 26.6475, 29.8152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 142, 143) }
```

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

```
.background{ background-color: rgb(137,  
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