

Converting Colors

XYZ(24.5486, 26.3465, 19.5131)

Have a look what the booklet for
XYZ(24.5486, 26.3465, 19.5131)
contains.

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Color

**XYZ(24.5381, 26.4451,
19.4339)**

Conversions

Conversions Part 1

Format	Color
Hex	938D71
RGB	147, 141, 113
RGB Percent	58%, 55%, 44%
CMY	0.4235, 0.4470, 0.5569
CMYK	0.00, 0.04, 0.23, 0.42
HSL	49°, 14%, 51%
HSV	49°, 23%, 58%
XYZ	24.5381, 26.4451, 19.4339
YIQ	139.6020, 12.5640, -7.4360

Conversions

Conversions Part 2

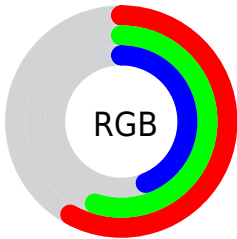
Format	Color
R_{YB}	120, 147, 113
Decimal	9670001
CIE _{Lab}	58.46, -2.56, 15.77
CIE _{LCh}	58, 15.975, 99.229
Yxy	26.4451, 0.3485, 0.3755
Android (android.graphics.Color)	4287860081 (0xFF938D71)
YUV	139.6020, -13.1148, 6.4880
Hunter-Lab	51.4248, -4.8195, 13.5911

Details

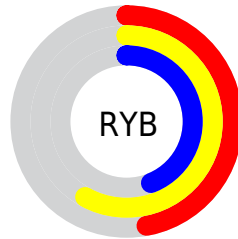
The XYZ color **24.5381, 26.4451, 19.4339** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.6731, 18.8103, 30.2503**, and the grayscale version is **24.8193, 26.1118, 28.4358**.

A 20% lighter version of the original color is **50.3940, 54.1643, 43.3960**, and **9.5191, 10.3506, 6.4972** is the 20% darker color. If you saturate the color by 10%, you get **23.3991, 25.3859, 15.2967**, and if you desaturate by 10%, it is **25.8215, 27.5782, 24.2813**.

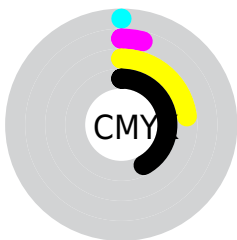
Distribution



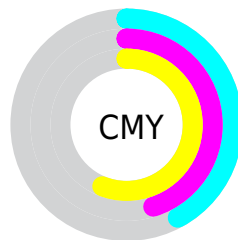
- Red (58%)
- Green (55%)
- Blue (44%)



- Red (47%)
- Yellow (58%)
- Blue (44%)



- Cyan (0%)
- Magenta (4%)
- Yellow (23%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5381, 26.4451, 19.4339 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 24.5381, 26.4451, 19.4339 by changing the saturation by 10% instead.

■ 24.5381, 26.4451,
19.4339

■ 24.5381, 26.4451,
19.4339

267.9200,
284.9603, 261.3359

■ 15.8602, 17.1569,
11.8042

■ 50.3552, 53.9921,
43.3124

■ 9.5155, 10.3464,
6.4896

■ 68.2251, 73.0198,
60.3984

■ 5.1387, 5.6293,
3.0715

■ 89.8896, 96.0627,
81.4735

■ 2.3645, 2.6210,
1.1312

■ 115.7142,
123.5053, 106.9564

■ 0.8273, 0.9372,
0.0000

146.0642,
155.7319, 137.2655

■ 0.0000, 0.0000,
0.0000

181.3049,

193.1271, 172.8194

221.8017,
236.0750, 214.0367

■ 24.5381, 26.4451,
19.4339

■ 24.5381, 26.4451,
19.4339

■ 23.3991, 25.3859,
15.2967

■ 25.8215, 27.5782,
24.2813

■ 22.3960, 24.3944,
11.8340

■ 27.2533, 28.7842,
29.8689

■ 21.5224, 23.4688,
9.0097

■ 28.8399, 30.0666,
36.2270

■ 20.7705, 22.6059,
6.7835

■ 30.5868, 31.4276,
43.3837

■ 20.1318, 21.8022,
5.1105

■ 32.4989, 32.8696,
51.3658

■ 19.5966, 21.0537,
3.9394

■ 34.5813, 34.3943,
60.1986

■ 19.1532, 20.3557,
3.2096

■ 36.8386, 36.0040,
69.9066

■ 18.8792, 19.8963,
2.8453

■ 39.2753, 37.7003,
80.5131

■ 41.8957, 39.4852,
92.0407

Harmonies

Analogous

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



26.4900, 26.4451, 19.8676



24.5381, 26.4451, 19.4339



22.8355, 26.4451, 21.2444

Triad

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



24.5381, 26.4451, 19.4339



22.3385, 26.4451, 36.1414



28.8105, 26.4451, 32.7770

Complementary

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



24.5381, 26.4451, 19.4339



18.6731, 18.8103, 30.2503

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.



27.5845, 26.4451, 37.9493



24.5381, 26.4451, 19.4339



23.8276, 26.4451, 40.0597

Square

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



24.5381, 26.4451, 19.4339



21.6095, 26.4451, 30.5528



25.7421, 26.4451, 40.7610



29.0250, 26.4451, 27.1044

Rectangle

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



24.5381, 26.4451, 19.4339



22.0463, 26.4451, 23.6375



25.7421, 26.4451, 40.7610



28.5001, 26.4451, 34.6512

Sweetspot

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



24.5388, 26.4463, 19.4345



47.7446, 50.6651, 49.3101



21.2817, 19.3511, 20.1401



10.8689, 11.5404, 11.1385



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.5388, 26.4463, 19.4345



42.8028, 46.3117, 30.6141



23.6057, 27.3135, 19.6510



6.1793, 6.5725, 6.1834



16.3833, 17.2811, 2.4721



0.2189, 0.2482, 0.0364

Inverse Universe

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



18.6731, 18.8103, 30.2503



30.3193, 30.0625, 53.6392



19.4503, 18.1849, 30.0886



5.5773, 5.7886, 7.2931



4.8983, 2.4913, 24.1537



0.0754, 0.0614, 0.3008

Previews

White Background



This preview shows how the XYZ color 24.5381, 26.4451, 19.4339 looks on a white background.

Color Contrast Check

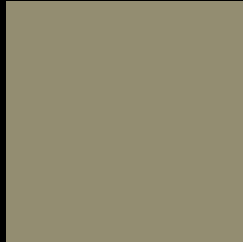
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5381, 26.4451, 19.4339 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

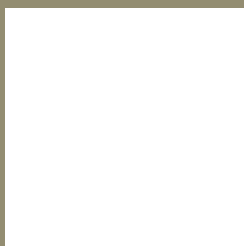
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5381, 26.4451, 19.4339

Background



This preview shows how black text looks on a background with the XYZ color 24.5381, 26.4451, 19.4339.



This preview shows how white text looks on a background with the XYZ color 24.5381, 26.4451,

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

24.5381, 26.4451, 19.4339

Protanopia

24.7531, 26.3380, 19.4019

Deuteranopia

26.8055, 26.3294, 19.5889



Tritanopia

26.8331, 26.2942, 31.2648

Trichromacy



Original Color

24.5381, 26.4451, 19.4339

Protanomaly

24.5715, 26.2443, 19.3934

Deuteranomaly

25.8876, 26.2743, 19.6266

Tritanomaly

26.0393, 26.4103, 26.6469

Monochromacy



Original Color

24.5381, 26.4451, 19.4339

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7350, 26.2075, 24.8740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5381, 26.4451, 19.4339 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(147, 141, 113)` looks like.

```
.text, #text, p{  
    color:rgb(147, 141, 113)  
}
```

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(147, 141, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 141, 113) }
```

Border

The CSS property to change the border of an element to XYZ 24.5381, 26.4451, 19.4339 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(147, 141, 113) }
```


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

```
.border{ border-color:rgb(147, 141, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 141, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 141, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 141, 113);  
box-shadow:4px 4px 4px 4px rgb(147, 141,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5381, 26.4451, 19.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 141, 113) }
```

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

```
.background{ background-color: rgb(147,  
141, 113) }
```

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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