

Converting Colors

XYZ(24.8244, 26.7388, 17.7905)

Have a look what the booklet for
XYZ(24.8244, 26.7388, 17.7905)
contains.

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Color

**XYZ(24.9045, 26.8916,
17.7879)**

Conversions

Conversions Part 1

Format	Color
Hex	968E6B
RGB	150, 142, 107
RGB Percent	59%, 56%, 42%
CMY	0.4118, 0.4431, 0.5804
CMYK	0.00, 0.05, 0.29, 0.41
HSL	49°, 17%, 50%
HSV	49°, 29%, 59%
XYZ	24.9045, 26.8916, 17.7879
YIQ	140.4020, 16.0030, -9.1890

Conversions

Conversions Part 2

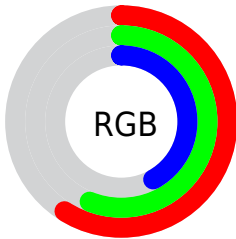
Format	Color
RYB	117, 150, 107
Decimal	9866859
CIELab	58.87, -2.78, 19.76
CIELCh	59, 19.955, 98.012
Yxy	26.8916, 0.3579, 0.3865
Android (android.graphics.Color)	4288056939 (0xFF968E6B)
YUV	140.4020, -16.4672, 8.4174
Hunter-Lab	51.8571, -5.0249, 15.9625

Details

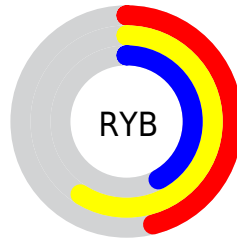
The XYZ color **24.9045, 26.8916, 17.7879** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.6990, 17.5887, 31.3163**, and the grayscale version is **25.1421, 26.4514, 28.8056**.

A 20% lighter version of the original color is **51.1748, 54.9622, 40.7125**, and **9.7622, 10.6227, 5.6735** is the 20% darker color. If you saturate the color by 10%, you get **23.7732, 25.7843, 13.8494**, and if you desaturate by 10%, it is **26.1845, 28.0769, 22.4521**.

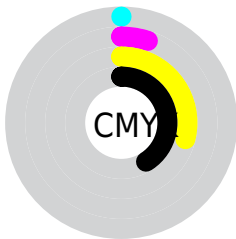
Distribution



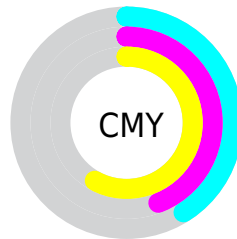
- Red (59%)
- Green (56%)
- Blue (42%)



- Red (46%)
- Yellow (59%)
- Blue (42%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9045, 26.8916, 17.7879 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 24.9045, 26.8916, 17.7879 by changing the saturation by 10% instead.

■ 24.9045, 26.8916,
17.7879

■ 24.9045, 26.8916,
17.7879

269.7184,
287.1319, 251.8687

■ 16.1343, 17.4918,
10.6300

■ 50.9463, 54.7099,
40.4846

■ 9.7107, 10.5858,
5.7076

■ 68.9485, 73.8972,
56.8605

■ 5.2683, 5.7890,
2.6022

■ 90.7588, 97.1157,
77.1461

■ 2.4419, 2.7172,
0.8936

■ 116.7425,
124.7500, 101.7599

■ 0.8661, 0.9860,
0.0000

147.2649,
157.1844, 131.1205

■ 0.0000, 0.0000,
0.0000

182.6915,

194.8032, 165.6465

223.3876,
237.9909, 205.7564

■ 24.9045, 26.8916,
17.7879

■ 24.9045, 26.8916,
17.7879

■ 23.7732, 25.7843,
13.8494

■ 26.1845, 28.0769,
22.4521

■ 22.7815, 24.7483,
10.5976

■ 27.6177, 29.3394,
27.8748

■ 21.9221, 23.7816,
7.9925

■ 29.2111, 30.6827,
34.0891

■ 21.1865, 22.8807,
5.9892

■ 30.9705, 32.1094,
41.1253

■ 20.5651, 22.0417,
4.5372

■ 32.9015, 33.6219,
49.0122

■ 20.0465, 21.2597,
3.5773

■ 35.0093, 35.2223,
57.7775

■ 19.6071, 20.5254,
2.9859

■ 37.2991, 36.9127,
67.4472

■ 19.5503, 20.4293,
2.9128

■ 39.7755, 38.6953,
78.0465

■ 42.4434, 40.5720,
89.5995

Harmonies

Analogous

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



27.3762, 26.8916, 18.4083



24.9045, 26.8916, 17.7879



22.7497, 26.8916, 19.8325

Triad

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



24.9045, 26.8916, 17.7879



22.0033, 26.8916, 38.4634



30.2128, 26.8916, 34.6640

Complementary

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



24.9045, 26.8916, 17.7879



17.6990, 17.5887, 31.3163

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.



28.5919, 26.8916, 41.3340



24.9045, 26.8916, 17.7879



23.8253, 26.8916, 43.7617

Square

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



24.9045, 26.8916, 17.7879



21.1464, 26.8916, 31.2140



26.2262, 26.8916, 44.8890



30.5478, 26.8916, 27.4283

Rectangle

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



24.9045, 26.8916, 17.7879



21.7457, 26.8916, 22.6605



26.2262, 26.8916, 44.8890



29.7954, 26.8916, 37.0783

Sweetspot

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



24.9052, 26.8928, 17.7885



48.6030, 51.6601, 48.6700



20.9647, 18.2514, 18.8195



10.6934, 11.3813, 10.4883



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.



24.9052, 26.8928, 17.7885



42.7224, 46.2696, 27.0696



23.8932, 28.2011, 18.0943



6.1747, 6.5632, 6.1818



16.2362, 16.9868, 2.4230



0.2178, 0.2461, 0.0360

Inverse Universe

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



17.6990, 17.5887, 31.3163



28.0050, 27.2714, 54.7091



18.4948, 16.7037, 31.1035



5.5816, 5.7972, 7.2945



4.9265, 2.5478, 24.1631



0.0765, 0.0635, 0.3011

Previews

White Background



This preview shows how the XYZ color 24.9045, 26.8916, 17.7879 looks on a white background.

Color Contrast Check

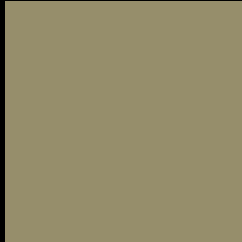
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9045, 26.8916, 17.7879 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 24.9045, 26.8916, 17.7879

Background



This preview shows how black text looks on a background with the XYZ color 24.9045, 26.8916, 17.7879.



This preview shows how white text looks on a background with the XYZ color 24.9045, 26.8916,

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

24.9045, 26.8916, 17.7879

Protanopia

25.1276, 26.7867, 17.7559

Deuteranopia

27.2368, 26.7980, 17.9244



Tritanopia

27.7297, 26.9665, 31.3473

Trichromacy



Original Color

24.9045, 26.8916, 17.7879

Protanomaly

24.9412, 26.6906, 17.7472

Deuteranomaly

26.2925, 26.7333, 17.9616

Tritanomaly

26.5343, 26.9035, 25.6242

Monochromacy



Original Color

24.9045, 26.8916, 17.7879

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9228, 26.5376, 24.2308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9045, 26.8916, 17.7879 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(150, 142, 107)` looks like.

```
.text, #text, p{  
    color:rgb(150, 142, 107)  
}
```

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(150, 142, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 142, 107) }
```

Border

The CSS property to change the border of an element to XYZ 24.9045, 26.8916, 17.7879 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(150, 142, 107) }
```


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

```
.border{ border-color:rgb(150, 142, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 142, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 142, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 142, 107);  
box-shadow:4px 4px 4px 4px rgb(150, 142,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9045, 26.8916, 17.7879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 142, 107) }
```

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

```
.background{ background-color: rgb(150,  
142, 107) }
```

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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