

Converting Colors

XYZ(25.0923, 27.9938, 17.1668)

Have a look what the booklet for
XYZ(25.0923, 27.9938, 17.1668)
contains.

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Color

**XYZ(24.9903, 27.8531,
17.1558)**

Conversions

Conversions Part 1

Format	Color
Hex	949268
RGB	148, 146, 104
RGB Percent	58%, 57%, 41%
CMY	0.4196, 0.4274, 0.5922
CMYK	0.00, 0.01, 0.30, 0.42
HSL	57°, 17%, 49%
HSV	57°, 30%, 58%
XYZ	24.9903, 27.8531, 17.1558
YIQ	141.8100, 14.6740, -12.6380

Conversions

Conversions Part 2

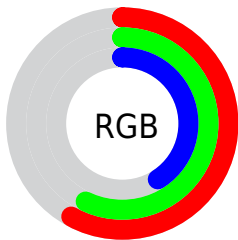
Format	Color
RYB	106, 148, 104
Decimal	9736808
CIELab	59.76, -6.22, 22.59
CIELCh	60, 23.431, 105.384
Yxy	27.8531, 0.3570, 0.3979
Android (android.graphics.Color)	4287926888 (0xFF949268)
YUV	141.8100, -18.6403, 5.4286
Hunter-Lab	52.7760, -7.8354, 17.6699

Details

The XYZ color **24.9903, 27.8531, 17.1558** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.2082, 15.3889, 30.1331**, and the grayscale version is **25.7039, 27.0425, 29.4493**.

A 20% lighter version of the original color is **51.1993, 56.3716, 39.1927**, and **9.8264, 11.1927, 5.3839** is the 20% darker color. If you saturate the color by 10%, you get **24.2007, 27.3731, 13.5037**, and if you desaturate by 10%, it is **25.9139, 28.3897, 21.5043**.

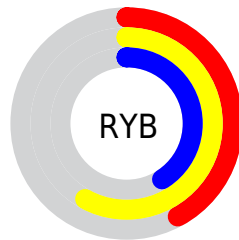
Distribution



Red (58%)

Green (57%)

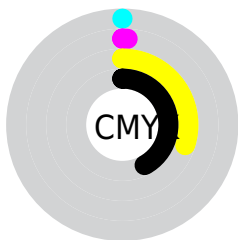
Blue (41%)



Red (42%)

Yellow (58%)

Blue (41%)

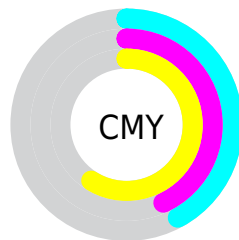


Cyan (0%)

Magenta (1%)

Yellow (30%)

Black (42%)



Cyan (42%)

Magenta (43%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9903, 27.8531, 17.1558 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 24.9903, 27.8531, 17.1558 by changing the saturation by 10% instead.

■ 24.9903, 27.8531,
17.1558

■ 24.9903, 27.8531,
17.1558

270.1382,
291.7643, 248.1429

■ 16.1985, 18.2150,
10.1825

■ 51.0845, 56.2498,
39.3878

■ 9.7565, 11.1044,
5.4129

■ 69.1176, 75.7772,
55.4835

■ 5.2988, 6.1371,
2.4286

■ 90.9619, 99.3698,
75.4572

■ 2.4602, 2.9286,
0.8019

■ 116.9827,
127.4119, 99.7273

■ 0.8752, 1.0946,
0.0000

147.5454,
160.2880, 128.7124

■ 0.0000, 0.0000,
0.0000

183.0153,

198.3826, 162.8310

223.7577,
242.0798, 202.5016

■ 24.9903, 27.8531,
17.1558

■ 24.9903, 27.8531,
17.1558

■ 24.2007, 27.3731,
13.5037

■ 25.9139, 28.3897,
21.5043

■ 23.5360, 26.9430,
10.5098

■ 26.9758, 28.9815,
26.5811

■ 22.9895, 26.5612,
8.1351

■ 28.1827, 29.6324,
32.4182

■ 22.5528, 26.2243,
6.3358

■ 29.5402, 30.3444,
39.0453

■ 22.2165, 25.9285,
5.0622

■ 31.0535, 31.1198,
46.4904

■ 21.9697, 25.6694,
4.2563

■ 32.7279, 31.9605,
54.7802

■ 21.7846, 25.4360,
3.7730

■ 34.5681, 32.8686,
63.9402

■ 21.7797, 25.4298,
3.7605

■ 36.5787, 33.8459,
73.9949

■ 38.7643, 34.8941,
84.9675

Harmonies

Analogous

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



27.9378, 27.8531, 17.1171



24.9903, 27.8531, 17.1558



22.6206, 27.8531, 20.2477

Triad

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



24.9903, 27.8531, 17.1558



22.6693, 27.8531, 43.4918



32.3797, 27.8531, 34.6350

Complementary

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



24.9903, 27.8531, 17.1558



16.2082, 15.3889, 30.1331

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.



30.7409, 27.8531, 43.2954



24.9903, 27.8531, 17.1558



25.0614, 27.8531, 49.0203

Square

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



24.9903, 27.8531, 17.1558



21.3502, 27.8531, 34.8664



28.0143, 27.8531, 48.9423



32.3571, 27.8531, 26.2003

Rectangle

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



24.9903, 27.8531, 17.1558



21.6232, 27.8531, 24.0243



28.0143, 27.8531, 48.9423



31.9998, 27.8531, 37.6463

Sweetspot

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



24.9910, 27.8544, 17.1564



47.7076, 51.1967, 47.4311



19.7753, 17.2417, 15.9764



10.8295, 11.6536, 10.5337



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.



24.9910, 27.8544, 17.1564



43.0966, 48.5442, 25.6411



22.0210, 26.7842, 17.1064



6.2431, 6.7000, 6.2047



18.6088, 21.7320, 3.2139



0.2334, 0.2772, 0.0412

Inverse Universe

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



16.2082, 15.3889, 30.1331



24.9144, 22.7397, 52.5107



18.5792, 16.3093, 30.1858



5.5193, 5.6727, 7.2738



4.6336, 1.9619, 24.0655



0.0609, 0.0324, 0.2959

Previews

White Background



This preview shows how the XYZ color 24.9903, 27.8531, 17.1558 looks on a white background.

Color Contrast Check

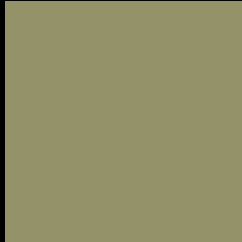
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9903, 27.8531, 17.1558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

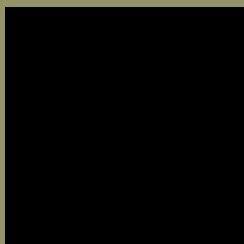
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

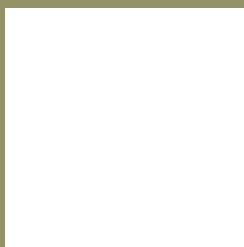
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9903, 27.8531, 17.1558

Background



This preview shows how black text looks on a background with the XYZ color 24.9903, 27.8531, 17.1558.



This preview shows how white text looks on a background with the XYZ color 24.9903, 27.8531,

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

24.9903, 27.8531, 17.1558

Protanopia

25.9390, 27.8944, 16.8490

Deuteranopia

28.2676, 27.7636, 17.5047



Tritanopia

28.2904, 27.8606, 33.1647

Trichromacy



Original Color

24.9903, 27.8531, 17.1558

Protanomaly

25.5225, 27.9055, 16.8731

Deuteranomaly

26.9750, 27.7511, 17.2994

Tritanomaly

26.9250, 27.7426, 26.4900

Monochromacy



Original Color

24.9903, 27.8531, 17.1558

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.2203, 27.1327, 24.3300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9903, 27.8531, 17.1558 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(148, 146, 104)` looks like.

```
.text, #text, p{  
    color:rgb(148, 146, 104)  
}
```

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(148, 146, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 146, 104) }
```

Border

The CSS property to change the border of an element to XYZ 24.9903, 27.8531, 17.1558 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(148, 146, 104) }
```


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

```
.border{ border-color:rgb(148, 146, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 146, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 146, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 146, 104);  
box-shadow:4px 4px 4px 4px rgb(148, 146,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9903, 27.8531, 17.1558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 146, 104) }
```

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

```
.background{ background-color: rgb(148,  
146, 104) }
```

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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