

Converting Colors

XYZ(25.4985, 28.8188, 22.3084)

Have a look what the booklet for
XYZ(25.4985, 28.8188, 22.3084)
contains.

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Color

**XYZ(25.5129, 28.9440,
22.3312)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9679
RGB	142, 150, 121
RGB Percent	56%, 59%, 47%
CMY	0.4431, 0.4117, 0.5255
CMYK	0.05, 0.00, 0.19, 0.41
HSL	77°, 12%, 53%
HSV	77°, 19%, 59%
XYZ	25.5129, 28.9440, 22.3312
YIQ	144.3020, 4.5410, -10.7150

Conversions

Conversions Part 2

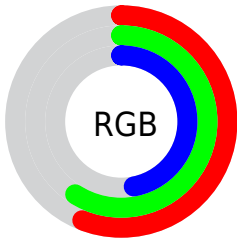
Format	Color
RYB	121, 150, 129
Decimal	9344633
CIELab	60.73, -8.21, 14.35
CIElCh	61, 16.532, 119.763
Yxy	28.9440, 0.3323, 0.3769
Android (android.graphics.Color)	4287534713 (0xFF8E9679)
YUV	144.3020, -11.4879, -2.0189
Hunter-Lab	53.7996, -9.5009, 13.0496

Details

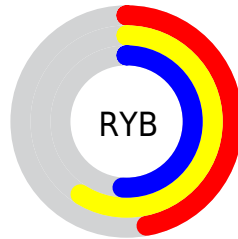
The XYZ color **25.5129, 28.9440, 22.3312** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.3968, 20.5446, 31.6936**, and the grayscale version is **26.6753, 28.0645, 30.5623**.

A 20% lighter version of the original color is **51.9006, 57.9386, 47.9830**, and **10.0452, 11.6669, 7.8534** is the 20% darker color. If you saturate the color by 10%, you get **23.9668, 28.2460, 17.8247**, and if you desaturate by 10%, it is **27.2300, 29.7154, 27.5936**.

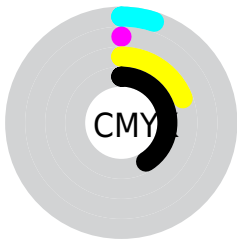
Distribution



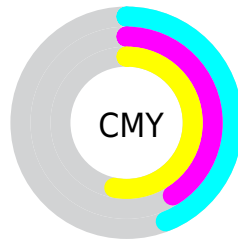
- Red (56%)
- Green (59%)
- Blue (47%)



- Red (47%)
- Yellow (59%)
- Blue (51%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5129, 28.9440, 22.3312 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 25.5129, 28.9440, 22.3312 by changing the saturation by 10% instead.

■ 25.5129, 28.9440,
22.3312

■ 25.5129, 28.9440,
22.3312

272.6834,
296.9506, 277.2807

■ 16.5904, 19.0385,
13.8998

■ 51.9250, 57.9881,
48.2020

■ 10.0363, 11.6981,
7.9131

■ 70.1453, 77.8955,
66.4785

■ 5.4855, 6.5384,
3.9524

■ 92.1955, 101.9055,
88.8737

■ 2.5725, 3.1752,
1.5993

118.4411,
130.4027, 115.8063

■ 0.9320, 1.2239,
0.2903

149.2473,
163.7714, 147.6948

■ 0.0000, 0.0811,
0.0000

184.9795,

■ 0.0000, 0.0000,

202.3961, 184.9576

0.0000

226.0031,
246.6610, 228.0135

■ 25.5129, 28.9440,
22.3312

■ 25.5129, 28.9440,
22.3312

■ 23.9668, 28.2460,
17.8247

■ 27.2300, 29.7154,
27.5936

■ 22.5826, 27.6148,
14.0376

■ 29.1222, 30.5589,
33.6425

■ 21.3535, 27.0486,
10.9329

■ 31.1964, 31.4784,
40.5092

■ 20.2716, 26.5443,
8.4700

■ 33.4583, 32.4760,
48.2226

■ 19.3279, 26.0981,
6.6034

■ 35.9134, 33.5542,
56.8102

■ 18.5125, 25.7062,
5.2823

■ 38.5671, 34.7149,
66.2983

■ 17.8138, 25.3637,
4.4470

■ 41.4243, 35.9603,
76.7120

■ 17.2051, 25.0601,
3.9589

■ 44.4898, 37.2923,
88.0757

■ 17.1658, 25.0405,
3.9286

■ 47.6062, 38.6480,
99.5584

Harmonies

Analogous

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



27.5275, 28.9440, 21.1153



25.5129, 28.9440, 22.3312



24.0980, 28.9440, 25.9320

Triad

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



25.5129, 28.9440, 22.3312



25.4848, 28.9440, 42.8642



31.8454, 28.9440, 31.5640

Complementary

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



25.5129, 28.9440, 22.3312



21.3968, 20.5446, 31.6936

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.



31.2307, 28.9440, 37.8470



25.5129, 28.9440, 22.3312



27.4933, 28.9440, 44.8677

Square

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



25.5129, 28.9440, 22.3312



24.0824, 28.9440, 37.7515



29.6095, 28.9440, 42.9242



31.2492, 28.9440, 26.0064

Rectangle

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



25.5129, 28.9440, 22.3312



23.6471, 28.9440, 29.4617



29.6095, 28.9440, 42.9242



31.7731, 28.9440, 33.6618

Sweetspot

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



25.5137, 28.9453, 22.3318



49.0918, 52.9026, 51.9730



23.8451, 23.4957, 21.3679



10.8382, 11.7055, 11.3871



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.



25.5137, 28.9453, 22.3318



43.8637, 50.5561, 35.9749



23.2255, 27.7657, 22.2247



6.1110, 6.6650, 6.2049



14.2681, 20.7834, 3.2596



0.2032, 0.2691, 0.0412

Inverse Universe

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



21.3968, 20.5446, 31.6936



35.3026, 33.0844, 55.4465



23.7115, 21.7379, 31.8019



5.6408, 5.7058, 7.2738



5.3650, 2.2383, 24.0803



0.0911, 0.0405, 0.2959

Previews

White Background



This preview shows how the XYZ color 25.5129, 28.9440, 22.3312 looks on a white background.

Color Contrast Check

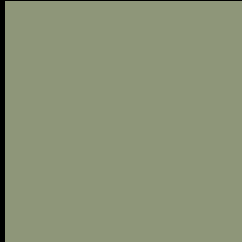
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5129, 28.9440, 22.3312 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

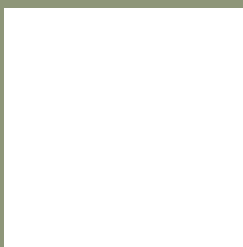
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5129, 28.9440, 22.3312

Background



This preview shows how black text looks on a background with the XYZ color 25.5129, 28.9440, 22.3312.



This preview shows how white text looks on a background with the XYZ color 25.5129, 28.9440,

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

25.5129, 28.9440, 22.3312

Protanopia

27.1262, 28.8582, 21.5933

Deuteranopia

29.4622, 28.9148, 22.7672



Tritanopia

28.2438, 28.8882, 35.9857

Trichromacy



Original Color

25.5129, 28.9440, 22.3312

Protanomaly

26.4016, 28.7075, 21.9189

Deuteranomaly

27.7842, 28.7226, 22.4920

Tritanomaly

27.1448, 28.9008, 30.5333

Monochromacy



Original Color

25.5129, 28.9440, 22.3312

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0505, 28.1750, 27.3579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5129, 28.9440, 22.3312 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(142, 150, 121)` looks like.

```
.text, #text, p{  
    color:rgb(142, 150, 121)  
}
```

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(142, 150, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 150, 121) }
```

Border

The CSS property to change the border of an element to XYZ 25.5129, 28.9440, 22.3312 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(142, 150, 121) }
```


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

```
.border{ border-color:rgb(142, 150, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 150, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 150, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 150, 121);  
box-shadow:4px 4px 4px 4px rgb(142, 150,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5129, 28.9440, 22.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 150, 121) }
```

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

```
.background{ background-color: rgb(142,  
150, 121) }
```

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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