

Converting Colors

XYZ(25.3825, 24.5101, 22.7290)

Have a look what the booklet for
XYZ(25.3825, 24.5101, 22.7290)
contains.

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Color

**XYZ(25.3946, 24.5139,
22.7952)**

Conversions

Conversions Part 1

Format	Color
Hex	9C827D
RGB	156, 130, 125
RGB Percent	61%, 51%, 49%
CMY	0.3882, 0.4902, 0.5098
CMYK	0.00, 0.17, 0.20, 0.39
HSL	10°, 14%, 55%
HSV	10°, 20%, 61%
XYZ	25.3946, 24.5139, 22.7952
YIQ	137.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

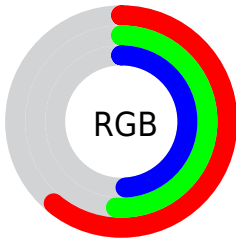
Format	Color
R_{YB}	156, 131, 125
Decimal	10257021
CIE Lab	56.60, 9.11, 6.41
CIE LCh	57, 11.142, 35.144
Yxy	24.5139, 0.3493, 0.3372
Android (android.graphics.Color)	4288447101 (0xFF9C827D)
YUV	137.2040, -6.0166, 16.4841
Hunter-Lab	49.5115, 4.9080, 7.3608

Details

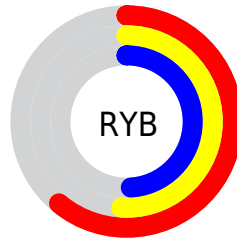
The XYZ color **25.3946, 24.5139, 22.7952** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5245, 28.8926, 35.6842**, and the grayscale version is **23.8731, 25.1164, 27.3517**.

A 20% lighter version of the original color is **51.8333, 50.9302, 49.2181**, and **9.9559, 9.3497, 8.1174** is the 20% darker color. If you saturate the color by 10%, you get **22.8445, 20.8851, 17.4086**, and if you desaturate by 10%, it is **28.3238, 28.6500, 29.0811**.

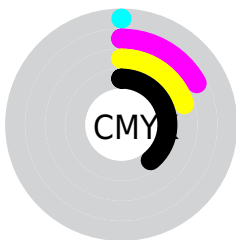
Distribution



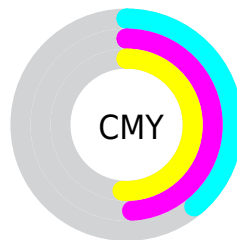
- Red (61%)
- Green (51%)
- Blue (49%)



- Red (61%)
- Yellow (51%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (39%)





- Cyan (39%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3946, 24.5139, 22.7952 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 25.3946, 24.5139, 22.7952 by changing the saturation by 10% instead.


 25.3946, 24.5139,
22.7952


 25.3946, 24.5139,
22.7952

272.1089,
275.4084, 279.7591


 16.5016, 15.7153,
14.2385


 51.7350, 50.8675,
48.9758

 9.9729, 9.3229,
8.1461


 69.9130, 69.1913,
67.4367

 5.4431, 4.9524,
4.0995

 91.9168, 91.4589,
90.0361

 2.5469, 2.2194,
1.6801

118.1116,
118.0548, 117.1925

 0.9190, 0.7305,
0.3470

148.8629,
149.3632, 149.3244

 0.0000, 0.0000,
0.0000

184.5360,

185.7687, 186.8505

225.4962,
227.6557, 230.1892

■ 25.3946, 24.5139,
22.7952

■ 25.3946, 24.5139,
22.7952

■ 22.8445, 20.8851,
17.4086

■ 28.3238, 28.6500,
29.0811

■ 20.6560, 17.7409,
12.8785

■ 31.6449, 33.3086,
36.3031

■ 18.8131, 15.0617,
9.1612

■ 35.3723, 38.5082,
44.4981

■ 17.2978, 12.8252,
6.2081

■ 39.5192, 44.2654,
53.7003

■ 16.0905, 11.0073,
3.9659

■ 44.0982, 50.5963,
63.9424

■ 15.1693, 9.5816,
2.3741

■ 49.1214, 57.5160,
75.2555

■ 14.5093, 8.5186,
1.3620

■ 54.6002, 65.0394,
87.6695

■ 14.0665, 7.7786,
0.7658

■ 60.5460, 73.1806,
101.2132

■ 14.0618, 7.7709,
0.7588

■ 65.2490, 81.2653,
106.8545

Harmonies

Analogous

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



25.8674, 24.5139, 26.0575



25.3946, 24.5139, 22.7952



24.3616, 24.5139, 20.7324

Triad

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



25.3946, 24.5139, 22.7952



21.1137, 24.5139, 23.8062



23.5236, 24.5139, 34.4383

Complementary

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



25.3946, 24.5139, 22.7952



25.5245, 28.8926, 35.6842

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.



22.2692, 24.5139, 33.6952



25.3946, 24.5139, 22.7952



20.9079, 24.5139, 27.3357

Square

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



25.3946, 24.5139, 22.7952



21.8963, 24.5139, 21.2772



21.3234, 24.5139, 31.0082



24.7619, 24.5139, 32.9542

Rectangle

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



25.3946, 24.5139, 22.7952



23.5110, 24.5139, 20.2008



21.3234, 24.5139, 31.0082



23.0897, 24.5139, 34.4420

Sweetspot

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



25.3953, 24.5150, 22.7957



53.6227, 55.0985, 57.5387



26.6585, 23.9812, 32.6513



11.7227, 12.0165, 12.4947



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.3953, 24.5150, 22.7957



43.9085, 41.3791, 36.7007



27.5605, 28.8455, 23.5175



6.7153, 6.8105, 6.9463



11.6004, 6.4365, 0.6310



0.2287, 0.1577, 0.0184

Inverse Universe

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



25.5245, 28.8926, 35.6842



44.1863, 50.8562, 64.6141



23.2415, 24.3266, 34.9232



6.7307, 7.3271, 8.4662



11.6295, 15.3505, 28.2572



0.2301, 0.3189, 0.5127

Previews

White Background



This preview shows how the XYZ color 25.3946, 24.5139, 22.7952 looks on a white background.

Color Contrast Check

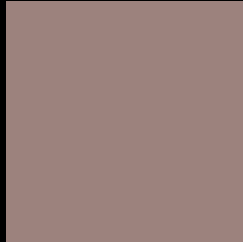
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3946, 24.5139, 22.7952 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 25.3946, 24.5139, 22.7952

Background



This preview shows how black text looks on a background with the XYZ color 25.3946, 24.5139, 22.7952.



This preview shows how white text looks on a background with the XYZ color 25.3946, 24.5139,

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

25.3946, 24.5139, 22.7952

Protanopia

23.3755, 24.4619, 23.9117

Deuteranopia

24.9548, 24.4856, 22.8130



Tritanopia

26.4072, 24.5424, 27.3901

Trichromacy



Original Color

25.3946, 24.5139, 22.7952

Protanomaly

24.0724, 24.4184, 23.5231

Deuteranomaly

25.1444, 24.5833, 22.8218

Tritanomaly

25.9885, 24.5621, 25.5615

Monochromacy



Original Color

25.3946, 24.5139, 22.7952

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2603, 24.6729, 25.6740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3946, 24.5139, 22.7952 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(156, 130, 125)` looks like.

```
.text, #text, p{  
    color:rgb(156, 130, 125)  
}
```

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(156, 130, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 130, 125) }
```

Border

The CSS property to change the border of an element to XYZ 25.3946, 24.5139, 22.7952 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(156, 130, 125) }
```


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

```
.border{ border-color:rgb(156, 130, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 130, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 130, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 130, 125);  
box-shadow:4px 4px 4px 4px rgb(156, 130,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3946, 24.5139, 22.7952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 130, 125) }
```

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

```
.background{ background-color: rgb(156,  
130, 125) }
```

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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