

Converting Colors

XYZ(25.2749, 24.3890, 22.1633)

Have a look what the booklet for
XYZ(25.2749, 24.3890, 22.1633)
contains.

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Color

**XYZ(25.2681, 24.4632,
22.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	9C827B
RGB	156, 130, 123
RGB Percent	61%, 51%, 48%
CMY	0.3882, 0.4902, 0.5176
CMYK	0.00, 0.17, 0.21, 0.39
HSL	13°, 14%, 55%
HSV	13°, 21%, 61%
XYZ	25.2681, 24.4632, 22.1290
YIQ	136.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

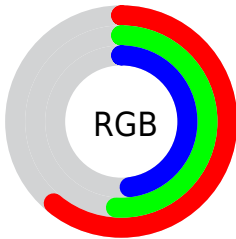
Format	Color
R_{YB}	156, 132, 123
Decimal	10257019
CIE Lab	56.55, 8.79, 7.50
CIE LCh	57, 11.553, 40.453
Yxy	24.4632, 0.3516, 0.3404
Android (android.graphics.Color)	4288447099 (0xFF9C827B)
YUV	136.9760, -6.8902, 16.6840
Hunter-Lab	49.4603, 4.6360, 8.0953

Details

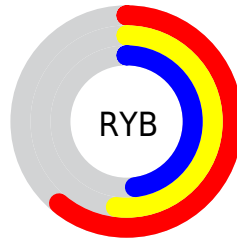
The XYZ color **25.2681, 24.4632, 22.1290** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9165, 28.1056, 35.5645**, and the grayscale version is **23.7898, 25.0287, 27.2563**.

A 20% lighter version of the original color is **51.5353, 50.8110, 47.6487**, and **9.8874, 9.3223, 7.7568** is the 20% darker color. If you saturate the color by 10%, you get **22.8302, 21.0276, 16.8762**, and if you desaturate by 10%, it is **28.0582, 28.3538, 28.2676**.

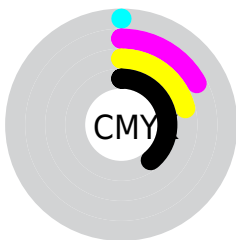
Distribution



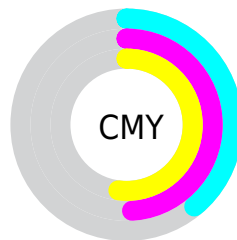
- Red (61%)
- Green (51%)
- Blue (48%)



- Red (61%)
- Yellow (52%)
- Blue (48%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (39%)



- Cyan (39%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2681, 24.4632, 22.1290 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 25.2681, 24.4632, 22.1290 by changing the saturation by 10% instead.

■ 25.2681, 24.4632,
22.1290

■ 25.2681, 24.4632,
22.1290

271.4936,
275.1540, 276.1947

■ 16.4067, 15.6776,
13.7525

■ 51.5316, 50.7850,
47.8640

■ 9.9051, 9.2963,
7.8119

■ 69.6644, 69.0900,
66.0596

■ 5.3978, 4.9349,
3.8888

■ 91.6184, 91.3369,
88.3654

■ 2.5197, 2.2091,
1.5645

117.7589,
117.9101, 115.1998

■ 0.9052, 0.7250,
0.2653

148.4514,
149.1941, 146.9813

■ 0.0000, 0.0000,
0.0000

184.0610,

185.5731, 184.1287

224.9533,
227.4316, 227.0602

■ 25.2681, 24.4632,
22.1290

■ 25.2681, 24.4632,
22.1290

■ 22.8302, 21.0276,
16.8762

■ 28.0582, 28.3538,
28.2676

■ 20.7284, 18.0270,
12.4667

■ 31.2120, 32.7119,
35.3288

■ 18.9481, 15.4449,
8.8566


■ 34.7427, 37.5536,
43.3491

■ 17.4729, 13.2625,
5.9977


■ 38.6625, 42.8931,
52.3628


■ 16.2850, 11.4592,
3.8362


■ 42.9827, 48.7442,
62.4023

 15.3643, 10.0129,
2.3114


 47.7145, 55.1201,
73.4986

 14.6881, 8.8987,
1.3519

 52.8685, 62.0335,
85.6813

 14.2572, 8.1615,
0.8239

 58.4547, 69.4966,
98.9789

 63.1006, 76.9684,
106.1384

Harmonies

Analogous

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



25.8789, 24.4632, 25.3196



25.2681, 24.4632, 22.1290



24.1244, 24.4632, 20.2691

Triad

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



25.2681, 24.4632, 22.1290



20.9066, 24.4632, 24.2425



23.7222, 24.4632, 34.5732

Complementary

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



25.2681, 24.4632, 22.1290



24.9165, 28.1056, 35.5645

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.



22.3999, 24.4632, 34.2141



25.2681, 24.4632, 22.1290



20.8083, 24.4632, 27.9978

Square

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



25.2681, 24.4632, 22.1290



21.6193, 24.4632, 21.4058



21.3452, 24.4632, 31.7174



24.9639, 24.4632, 32.6561

Rectangle

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



25.2681, 24.4632, 22.1290



23.2312, 24.4632, 19.9168



21.3452, 24.4632, 31.7174



23.2719, 24.4632, 34.7189

Sweetspot

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



25.2688, 24.4643, 22.1295



53.7611, 55.3754, 57.5849



26.2504, 23.4169, 31.7382



11.7559, 12.0828, 12.5058



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.



25.2688, 24.4643, 22.1295



43.8953, 41.6247, 35.8578



27.5801, 29.0869, 22.8999



6.7415, 6.8630, 6.9550



11.7651, 6.7657, 0.6858



0.2372, 0.1746, 0.0212

Inverse Universe

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



24.9165, 28.1056, 35.5645



43.1452, 49.3504, 64.3783



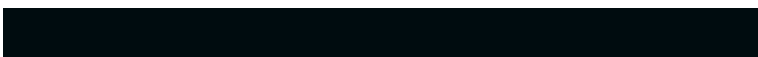
22.5433, 23.3593, 34.7734



6.7023, 7.2704, 8.4568



10.7920, 13.6755, 27.9781



0.2205, 0.2996, 0.5094

Previews

White Background



This preview shows how the XYZ color 25.2681, 24.4632, 22.1290 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 25.2681, 24.4632, 22.1290 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 25.2681, 24.4632, 22.1290

Background



This preview shows how black text looks on a background with the XYZ color 25.2681, 24.4632, 22.1290.



This preview shows how white text looks on a background with the XYZ color 25.2681, 24.4632,

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

25.2681, 24.4632, 22.1290

Protanopia

23.4144, 24.4970, 23.2330

Deuteranopia

25.0179, 24.5327, 22.1556



Tritanopia

26.4072, 24.5424, 27.3901

Trichromacy



Original Color

25.2681, 24.4632, 22.1290

Protanomaly

23.9433, 24.3667, 22.8433

Deuteranomaly

25.2090, 24.6312, 22.1645

Tritanomaly

25.9885, 24.5621, 25.5615

Monochromacy



Original Color

25.2681, 24.4632, 22.1290

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1916, 24.6454, 25.3118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2681, 24.4632, 22.1290 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(156, 130, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 130, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.2681, 24.4632, 22.1290 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, 123) }
```


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

```
.border{ border-color:rgb(156, 130, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 130, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 130, 123);  
box-shadow:4px 4px 4px 4px rgb(156, 130,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2681, 24.4632, 22.1290 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, 123) }
```

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

```
.background{ background-color: rgb(156,  
130, 123) }
```

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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