

Converting Colors

XYZ(25.9061, 24.9227, 22.6565)

Have a look what the booklet for
XYZ(25.9061, 24.9227, 22.6565)
contains.

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Color

**XYZ(25.8549, 24.9569,
22.5232)**

Conversions

Conversions Part 1

Format	Color
Hex	9E837C
RGB	158, 131, 124
RGB Percent	62%, 51%, 49%
CMY	0.3804, 0.4863, 0.5137
CMYK	0.00, 0.17, 0.22, 0.38
HSL	12°, 15%, 55%
HSV	12°, 22%, 62%
XYZ	25.8549, 24.9569, 22.5232
YIQ	138.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

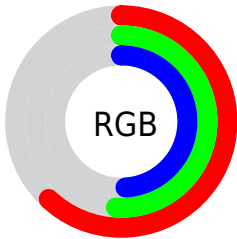
Format	Color
R_{YB}	158, 133, 124
Decimal	10388348
CIE _{Lab}	57.03, 9.17, 7.64
CIE _{LCh}	57, 11.935, 39.787
Yxy	24.9569, 0.3526, 0.3403
Android (android.graphics.Color)	4288578428 (0xFF9E837C)
YUV	138.2750, -7.0376, 17.2988
Hunter-Lab	49.9569, 4.9571, 8.2388

Details

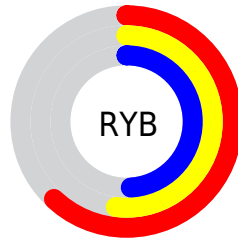
The XYZ color **25.8549, 24.9569, 22.5232** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5501, 28.8861, 36.5768**, and the grayscale version is **24.2841, 25.5488, 27.8227**.

A 20% lighter version of the original color is **52.4175, 51.5617, 48.2640**, and **10.2312, 9.6068, 7.9717** is the 20% darker color. If you saturate the color by 10%, you get **23.3506, 21.4212, 17.1475**, and if you desaturate by 10%, it is **28.7247, 28.9670, 28.8113**.

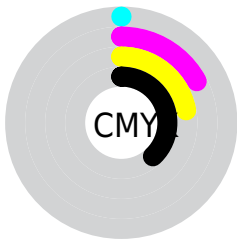
Distribution



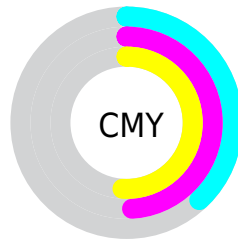
- Red (62%)
- Green (51%)
- Blue (49%)



- Red (62%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (38%)





- Cyan (38%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8549, 24.9569, 22.5232 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 25.8549, 24.9569, 22.5232 by changing the saturation by 10% instead.


 25.8549, 24.9569,
22.5232


 25.8549, 24.9569,
22.5232


274.3388,
277.6232, 278.3086


 16.8472, 16.0449,
14.0399


 52.4737, 51.5873,
48.5225

 10.2203, 9.5560,
8.0093


 70.8156, 70.0745,
66.8754

 5.6086, 5.1056,
4.0131

 92.9996, 92.5223,
89.3554

 2.6470, 2.3093,
1.6325

119.3911,
119.3150, 116.3809

 0.9700, 0.7786,
0.3139

150.3554,
150.8371, 148.3704

 0.0000, 0.0000,
0.0000

186.2579,

187.4729, 185.7425

227.4639,
229.6068, 228.9157

■ 25.8549, 24.9569,
22.5232

■ 25.8549, 24.9569,
22.5232

■ 23.3506, 21.4212,
17.1475

■ 28.7247, 28.9670,
28.8113

■ 21.1950, 18.3389,
12.6400

■ 31.9720, 33.4648,
36.0499

■ 19.3728, 15.6926,
8.9554

■ 35.6108, 38.4672,
44.2768

■ 17.8667, 13.4623,
6.0436

■ 39.6536, 43.9892,
53.5274

■ 16.6581, 11.6263,
3.8488

■ 44.1124, 50.0454,
63.8353

■ 15.7260, 10.1611,
2.3079

■ 48.9988, 56.6495,
75.2325

■ 15.0465, 9.0404,
1.3464

■ 54.3238, 63.8151,
87.7498

■ 14.6319, 8.3317,
0.8370

■ 60.0982, 71.5550,
101.4166

■ 64.4756, 79.1390,
106.4849

Harmonies

Analogous

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



26.4800, 24.9569, 25.8815



25.8549, 24.9569, 22.5232



24.6652, 24.9569, 20.5489

Triad

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



25.8549, 24.9569, 22.5232



21.2781, 24.9569, 24.5907



24.1823, 24.9569, 35.5212

Complementary

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



25.8549, 24.9569, 22.5232



25.5501, 28.8861, 36.5768

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.



22.8008, 24.9569, 35.0885



25.8549, 24.9569, 22.5232



21.1603, 24.9569, 28.5085

Square

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



25.8549, 24.9569, 22.5232



22.0359, 24.9569, 21.6584



21.7075, 24.9569, 32.4242



25.4895, 24.9569, 33.5540

Rectangle

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



25.8549, 24.9569, 22.5232



23.7308, 24.9569, 20.1565



21.7075, 24.9569, 32.4242



23.7107, 24.9569, 35.6557

Sweetspot

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



25.8556, 24.9580, 22.5237



55.2622, 56.9035, 59.2023



26.9106, 23.9255, 32.5633



12.3786, 12.7178, 13.1683



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.8556, 24.9580, 22.5237



44.6028, 42.0137, 35.8294



28.2974, 29.8416, 23.3377



6.7383, 6.8565, 6.9540



11.7427, 6.7209, 0.6784



0.2361, 0.1725, 0.0209

Inverse Universe

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



25.5501, 28.8861, 36.5768



43.9403, 50.4899, 66.1731



23.0368, 23.8595, 35.7391



6.7058, 7.2773, 8.4579



10.8912, 13.8739, 28.0111



0.2217, 0.3019, 0.5098

Previews

White Background



This preview shows how the XYZ color 25.8549, 24.9569, 22.5232 looks on a white background.

Color Contrast Check

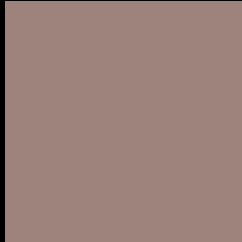
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8549, 24.9569, 22.5232 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 25.8549, 24.9569, 22.5232

Background



This preview shows how black text looks on a background with the XYZ color 25.8549, 24.9569, 22.5232.



This preview shows how white text looks on a background with the XYZ color 25.8549, 24.9569,

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

25.8549, 24.9569, 22.5232

Protanopia

23.9318, 25.1744, 23.6765

Deuteranopia

25.4069, 24.9263, 22.5410



Tritanopia

27.0077, 25.0382, 27.8355

Trichromacy



Original Color

25.8549, 24.9569, 22.5232

Protanomaly

24.6426, 25.1302, 23.2905

Deuteranomaly

25.5997, 25.0257, 22.5500

Tritanomaly

26.5838, 25.0574, 25.9897

Monochromacy



Original Color

25.8549, 24.9569, 22.5232

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5747, 25.0411, 25.7285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8549, 24.9569, 22.5232 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(158, 131, 124)` looks like.

```
.text, #text, p{  
    color:rgb(158, 131, 124)  
}
```

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(158, 131, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 131, 124) }
```

Border

The CSS property to change the border of an element to XYZ 25.8549, 24.9569, 22.5232 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(158, 131, 124) }
```


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

```
.border{ border-color:rgb(158, 131, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 131, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 131, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 131, 124);  
box-shadow:4px 4px 4px 4px rgb(158, 131,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8549, 24.9569, 22.5232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 131, 124) }
```

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

```
.background{ background-color: rgb(158,  
131, 124) }
```

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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