

Converting Colors

XYZ(25.0818, 24.4808, 22.7360)

Have a look what the booklet for
XYZ(25.0818, 24.4808, 22.7360)
contains.

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Color

**XYZ(25.1444, 24.5833,
22.8218)**

Conversions

Conversions Part 1

Format	Color
Hex	9A837D
RGB	154, 131, 125
RGB Percent	60%, 51%, 49%
CMY	0.3961, 0.4863, 0.5098
CMYK	0.00, 0.15, 0.19, 0.40
HSL	12°, 13%, 55%
HSV	12°, 19%, 60%
XYZ	25.1444, 24.5833, 22.8218
YIQ	137.1930, 15.6340, 3.0100

Conversions

Conversions Part 2

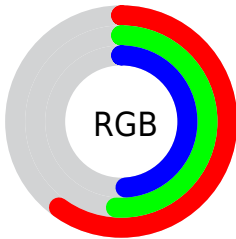
Format	Color
RYB	154, 133, 125
Decimal	10126205
CIELab	56.67, 7.75, 6.49
CIELCh	57, 10.109, 39.907
Yxy	24.5833, 0.3466, 0.3388
Android (android.graphics.Color)	4288316285 (0xFF9A837D)
YUV	137.1930, -6.0111, 14.7397
Hunter-Lab	49.5815, 3.7554, 7.4166

Details

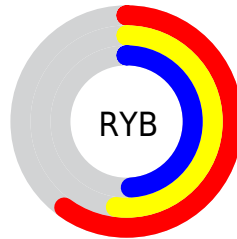
The XYZ color **25.1444, 24.5833, 22.8218** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8799, 27.8722, 34.6406**, and the grayscale version is **23.8693, 25.1124, 27.3474**.

A 20% lighter version of the original color is **51.4709, 51.0506, 49.2604**, and **9.9153, 9.4400, 8.1370** is the 20% darker color. If you saturate the color by 10%, you get **22.6914, 21.1313, 17.5210**, and if you desaturate by 10%, it is **27.9447, 28.4852, 28.9916**.

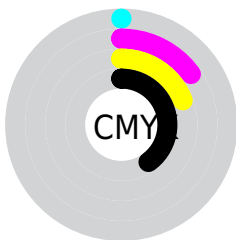
Distribution



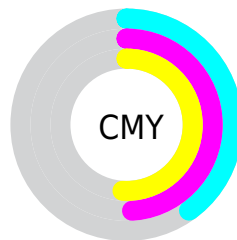
- Red (60%)
- Green (51%)
- Blue (49%)



- Red (60%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (40%)



- Cyan (40%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1444, 24.5833, 22.8218 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 25.1444, 24.5833, 22.8218 by changing the saturation by 10% instead.

■ 25.1444, 24.5833,
22.8218

■ 25.1444, 24.5833,
22.8218

270.8907,
275.7563, 279.9006

■ 16.3140, 15.7669,
14.2579

■ 51.3326, 50.9804,
49.0200

■ 9.8389, 9.3593,
8.1595

■ 69.4211, 69.3299,
67.4915

■ 5.3537, 4.9763,
4.1079

■ 91.3263, 91.6258,
90.1025

■ 2.4931, 2.2334,
1.6847

117.4136,
118.2526, 117.2717

■ 0.8918, 0.7381,
0.3502

148.0483,
149.5947, 149.4175

■ 0.0000, 0.0000,
0.0000

183.5958,

186.0364, 186.9586

224.4215,
227.9621, 230.3135

■ 25.1444, 24.5833,
22.8218

■ 25.1444, 24.5833,
22.8218

■ 22.6914, 21.1313,
17.5210

■ 27.9447, 28.4852,
28.9916

■ 20.5699, 18.1098,
13.0484

■ 31.1032, 32.8491,
36.0654

■ 18.7660, 15.5026,
9.3624

■ 34.6327, 37.6907,
44.0783

■ 17.2640, 13.2915,
6.4172

■ 38.5450, 43.0239,
53.0630

■ 16.0466, 11.4567,
4.1620

■ 42.8512, 48.8622,
63.0507

■ 15.0950, 9.9767,
2.5398

■ 47.5619, 55.2183,
74.0710

■ 14.3876, 8.8278,
1.4842

■ 52.6875, 62.1047,
86.1525

■ 13.8888, 7.9788,
0.8597

■ 58.2378, 69.5334,
99.3226

■ 13.8398, 7.8966,
0.7948

■ 62.8063, 76.9496,
106.1503

Harmonies

Analogous

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



25.6659, 24.5833, 25.6677



25.1444, 24.5833, 22.8218



24.1515, 24.5833, 21.1316

Triad

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



25.1444, 24.5833, 22.8218



21.3048, 24.5833, 24.6023



23.7571, 24.5833, 33.6703

Complementary

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



25.1444, 24.5833, 22.8218



24.8799, 27.8722, 34.6406

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.



22.5971, 24.5833, 33.3246



25.1444, 24.5833, 22.8218



21.2072, 24.5833, 27.8974

Square

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



25.1444, 24.5833, 22.8218



21.9441, 24.5833, 22.0983



21.6729, 24.5833, 31.1426



24.8473, 24.5833, 32.0510

Rectangle

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



25.1444, 24.5833, 22.8218



23.3693, 24.5833, 20.7966



21.6729, 24.5833, 31.1426



23.3620, 24.5833, 33.7830

Sweetspot

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



25.1451, 24.5844, 22.8223



52.2533, 53.8099, 55.9833



26.0214, 23.6820, 31.2999



11.7525, 12.0760, 12.5046



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.



25.1451, 24.5844, 22.8223



43.5372, 41.6554, 36.8073



27.1996, 28.6936, 23.5072



6.3073, 6.4196, 6.5125



11.2975, 6.4775, 0.6548



0.1910, 0.1410, 0.0171

Inverse Universe

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



24.8799, 27.8722, 34.6406



42.9542, 48.8557, 62.7024



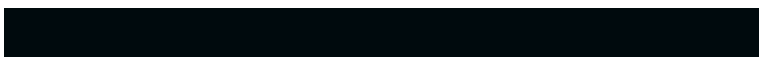
22.7742, 23.6607, 33.9387



6.2760, 6.8093, 7.9125



10.4603, 13.3173, 26.9269



0.1808, 0.2479, 0.4107

Previews

White Background



This preview shows how the XYZ color 25.1444, 24.5833, 22.8218 looks on a white background.

Color Contrast Check

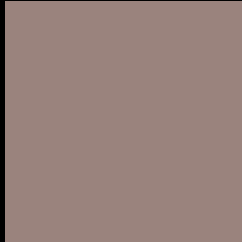
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1444, 24.5833, 22.8218 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 25.1444, 24.5833, 22.8218

Background



This preview shows how black text looks on a background with the XYZ color 25.1444, 24.5833, 22.8218.



This preview shows how white text looks on a background with the XYZ color 25.1444, 24.5833,

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

25.1444, 24.5833, 22.8218

Protanopia

23.6194, 24.8033, 23.6213

Deuteranopia

24.9548, 24.4856, 22.8130



Tritanopia

26.2208, 24.6325, 27.7987

Trichromacy



Original Color

25.1444, 24.5833, 22.8218

Protanomaly

24.1451, 24.6675, 23.2274

Deuteranomaly

24.9548, 24.4856, 22.8130

Tritanomaly

25.8033, 24.6551, 25.9532

Monochromacy



Original Color

25.1444, 24.5833, 22.8218

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2253, 24.8610, 25.7122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1444, 24.5833, 22.8218 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(154, 131, 125) looks like.

```
.text, #text, p{  
    color:rgb(154, 131, 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(154, 131, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 131, 125) }
```

Border

The CSS property to change the border of an element to XYZ 25.1444, 24.5833, 22.8218 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(154, 131, 125) }
```


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

```
.border{ border-color:rgb(154, 131, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 131, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 131, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 131, 125);  
box-shadow:4px 4px 4px 4px rgb(154, 131,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1444, 24.5833, 22.8218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 131, 125) }
```

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

```
.background{ background-color: rgb(154,  
131, 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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