

Converting Colors

XYZ(25.7731, 24.9103, 23.0888)

Have a look what the booklet for
XYZ(25.7731, 24.9103, 23.0888)
contains.

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Color

**XYZ(25.7868, 24.9071,
23.1871)**

Conversions

Conversions Part 1

Format	Color
Hex	9D837E
RGB	157, 131, 126
RGB Percent	62%, 51%, 49%
CMY	0.3843, 0.4863, 0.5059
CMYK	0.00, 0.17, 0.20, 0.38
HSL	10°, 14%, 55%
HSV	10°, 20%, 62%
XYZ	25.7868, 24.9071, 23.1871
YIQ	138.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

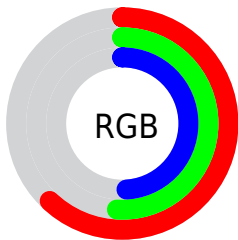
Format	Color
R _Y B	157, 132, 126
Decimal	10322814
CIE Lab	56.98, 9.10, 6.40
CIE LCh	57, 11.123, 35.142
Yxy	24.9071, 0.3490, 0.3371
Android (android.graphics.Color)	4288512894 (0xFF9D837E)
YUV	138.2040, -6.0166, 16.4841
Hunter-Lab	49.9070, 4.8931, 7.3884

Details

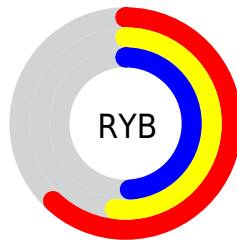
The XYZ color **25.7868, 24.9071, 23.1871** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9179, 29.3255, 36.1927**, and the grayscale version is **24.2536, 25.5167, 27.7877**.

A 20% lighter version of the original color is **52.4286, 51.5327, 49.8313**, and **10.1825, 9.5737, 8.3324** is the 20% darker color. If you saturate the color by 10%, you get **23.1949, 21.2193, 17.7111**, and if you desaturate by 10%, it is **28.7638, 29.1103, 29.5765**.

Distribution



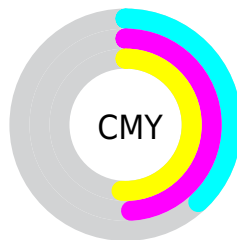
- Red (62%)
- Green (51%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7868, 24.9071, 23.1871 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 25.7868, 24.9071, 23.1871 by changing the saturation by 10% instead.

■ 25.7868, 24.9071,
23.1871

■ 25.7868, 24.9071,
23.1871

274.0099,
277.3750, 281.8375

■ 16.7961, 16.0079,
14.5251

■ 52.3646, 51.5065,
49.6274

■ 10.1836, 9.5297,
8.3439

■ 70.6823, 69.9754,
68.2429

■ 5.5841, 5.0883,
4.2249

■ 92.8397, 92.4030,
91.0133

■ 2.6321, 2.2991,
1.7495

119.2022,
119.1737, 118.3571

■ 0.9623, 0.7733,
0.3943

150.1351,
150.6718, 150.6928

■ 0.0000, 0.0000,
0.0000

186.0038,

187.2818, 188.4392

227.1736,
229.3881, 232.0145

■ 25.7868, 24.9071,
23.1871

■ 25.7868, 24.9071,
23.1871

■ 23.1949, 21.2193,
17.7111

■ 28.7638, 29.1103,
29.5765

■ 20.9704, 18.0236,
13.1053

■ 32.1387, 33.8441,
36.9168

■ 19.0968, 15.3002,
9.3250

■ 35.9263, 39.1273,
45.2452

■ 17.5561, 13.0265,
6.3212

■ 40.1401, 44.9770,
54.5968

■ 16.3282, 11.1780,
4.0396

■ 44.7926, 51.4092,
65.0045

■ 15.3910, 9.7280,
2.4189

■ 49.8963, 58.4395,
76.5000

■ 14.7193, 8.6465,
1.3873

■ 55.4628, 66.0829,
89.1136

■ 14.2691, 7.8935,
0.7830

■ 61.5035, 74.3537,
102.8745

■ 14.2596, 7.8780,
0.7690

■ 65.9847, 82.4481,
107.0441

Harmonies

Analogous

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



26.2636, 24.9071, 26.4801



25.7868, 24.9071, 23.1871



24.7448, 24.9071, 21.1036

Triad

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



25.7868, 24.9071, 23.1871



21.4673, 24.9071, 24.2074



23.8992, 24.9071, 34.9314

Complementary

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



25.7868, 24.9071, 23.1871



25.9179, 29.3255, 36.1927

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.



22.6335, 24.9071, 34.1823



25.7868, 24.9071, 23.1871



21.2595, 24.9071, 27.7693

Square

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



25.7868, 24.9071, 23.1871



22.2573, 24.9071, 21.6536



21.6788, 24.9071, 31.4733



25.1485, 24.9071, 33.4357

Rectangle

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



25.7868, 24.9071, 23.1871



23.8867, 24.9071, 20.5664



21.6788, 24.9071, 31.4733



23.4614, 24.9071, 34.9351

Sweetspot

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



25.7875, 24.9082, 23.1876



53.6227, 55.0985, 57.5387



27.0619, 24.3686, 33.1337



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.



25.7875, 24.9082, 23.1876



43.9085, 41.3791, 36.7007



27.9727, 29.2787, 23.9160



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.



25.9179, 29.3255, 36.1927



44.1864, 50.8562, 64.6141



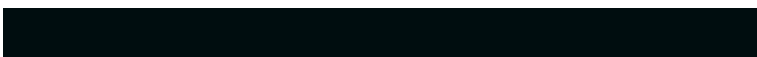
23.6146, 24.7189, 35.4250



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 25.7868, 24.9071, 23.1871 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 25.7868, 24.9071, 23.1871 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 25.7868, 24.9071, 23.1871

Background



This preview shows how black text looks on a background with the XYZ color 25.7868, 24.9071, 23.1871.



This preview shows how white text looks on a background with the XYZ color 25.7868, 24.9071,

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

25.7868, 24.9071, 23.1871

Protanopia

23.7511, 24.8560, 24.3148

Deuteranopia

25.3436, 24.8789, 23.2050



Tritanopia

26.8085, 24.9355, 27.8262

Trichromacy



Original Color

25.7868, 24.9071, 23.1871

Protanomaly

24.4540, 24.8118, 23.9224

Deuteranomaly

25.5347, 24.9774, 23.2140

Tritanomaly

26.3863, 24.9556, 25.9805

Monochromacy



Original Color

25.7868, 24.9071, 23.1871

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.6441, 25.0689, 26.0942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7868, 24.9071, 23.1871 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(157, 131, 126)` looks like.

```
.text, #text, p{  
    color:rgb(157, 131, 126)  
}
```

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(157, 131, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 131, 126) }
```

Border

The CSS property to change the border of an element to XYZ 25.7868, 24.9071, 23.1871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

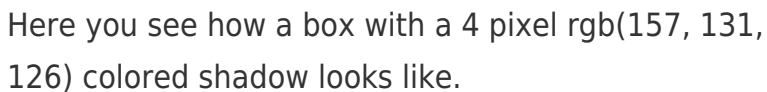
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 131, 126) }
```


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

```
.border{ border-color:rgb(157, 131, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 131, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 131, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 131, 126); box-shadow:4px 4px 4px 4px rgb(157, 131, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7868, 24.9071, 23.1871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 131, 126) }
```

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

```
.background{ background-color: rgb(157,  
131, 126) }
```

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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