

Converting Colors

XYZ(22.6654, 23.2271, 22.6910)

Have a look what the booklet for
XYZ(22.6654, 23.2271, 22.6910)
contains.

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Color

**XYZ(22.8025, 23.3760,
22.7122)**

Conversions

Conversions Part 1

Format	Color
Hex	8D837D
RGB	141, 131, 125
RGB Percent	55%, 51%, 49%
CMY	0.4471, 0.4863, 0.5098
CMYK	0.00, 0.07, 0.11, 0.45
HSL	23°, 7%, 52%
HSV	23°, 11%, 55%
XYZ	22.8025, 23.3760, 22.7122
YIQ	133.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

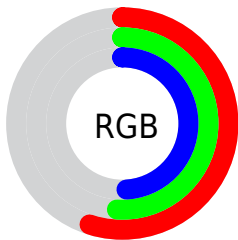
Format	Color
RYB	141, 135, 125
Decimal	9274237
CIELab	55.46, 2.68, 4.59
CIELCh	55, 5.314, 59.753
Yxy	23.3760, 0.3310, 0.3393
Android (android.graphics.Color)	4287464317 (0xFF8D837D)
YUV	133.3060, -4.0949, 6.7476
Hunter-Lab	48.3487, -0.4251, 5.9922

Details

The XYZ color **22.8025, 23.3760, 22.7122** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.9291, 23.6106, 28.6011**, and the grayscale version is **22.4189, 23.5864, 25.6856**.

A 20% lighter version of the original color is **47.6820, 49.0974, 49.0831**, and **8.6362, 8.7805, 8.0771** is the 20% darker color. If you saturate the color by 10%, you get **20.8317, 20.7749, 17.9223**, and if you desaturate by 10%, it is **25.0031, 26.2316, 28.2102**.

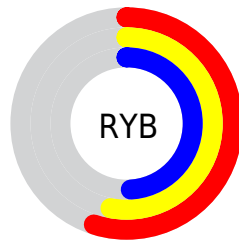
Distribution



Red (55%)

Green (51%)

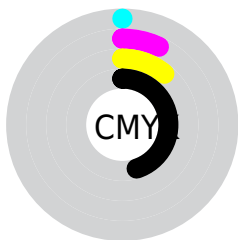
Blue (49%)



Red (55%)

Yellow (53%)

Blue (49%)

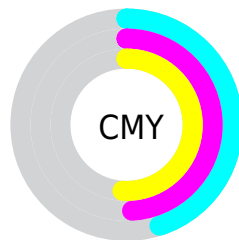


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (45%)



Cyan (45%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8025, 23.3760, 22.7122 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 22.8025, 23.3760, 22.7122 by changing the saturation by 10% instead.

■ 22.8025, 23.3760,
22.7122

■ 22.8025, 23.3760,
22.7122

259.2633,
269.6504, 279.3172

■ 14.5676, 14.8714,
14.1778

■ 47.5379, 49.0100,
48.8375

■ 8.6008, 8.7292,
8.1043

■ 64.7691, 66.9081,
67.2656

■ 4.5368, 4.5650,
4.0730

■ 85.7298, 88.7063,
89.8286

■ 2.0101, 1.9943,
1.6655

110.7854,
114.7888, 116.9451

■ 0.6396, 0.6042,
0.3369

140.3012,
145.5401, 149.0337

■ 0.0000, 0.0000,
0.0000

174.6425,

181.3445, 186.5129

214.1748,
222.5864, 229.8012

■ 22.8025, 23.3760,
22.7122

■ 22.8025, 23.3760,
22.7122

■ 20.8317, 20.7749,
17.9223

■ 25.0031, 26.2316,
28.2102

■ 19.0810, 18.4181,
13.8100

■ 27.4391, 29.3454,
34.4422

■ 17.5426, 16.2991,
10.3446

■ 30.1181, 32.7251,
41.4345

■ 16.2077, 14.4100,
7.4926

■ 33.0470, 36.3768,
49.2119

■ 15.0667, 12.7426,
5.2174

■ 36.2323, 40.3068,
57.7978

■ 14.1090, 11.2878,
3.4785

■ 39.6803, 44.5209,
67.2147

■ 13.3231, 10.0359,
2.2299

■ 43.3969, 49.0248,
77.4844

■ 12.6956, 8.9765,
1.4178

■ 47.3880, 53.8240,
88.6276

■ 12.2531, 8.1998,
0.9369

■ 51.6593, 58.9240,
100.6645

Harmonies

Analogous

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



23.2316, 23.3760, 23.8529



22.8025, 23.3760, 22.7122



22.2232, 23.3760, 22.2992

Triad

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



22.8025, 23.3760, 22.7122



21.0880, 23.3760, 25.4383



22.7937, 23.3760, 28.4201

Complementary

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



22.8025, 23.3760, 22.7122



21.9291, 23.6106, 28.6011

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.



22.2132, 23.3760, 28.8899



22.8025, 23.3760, 22.7122



21.2347, 23.3760, 27.1221

Square

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



22.8025, 23.3760, 22.7122



21.2395, 23.3760, 23.8293



21.6439, 23.3760, 28.4048



23.2264, 23.3760, 27.1478

Rectangle

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



22.8025, 23.3760, 22.7122



21.8318, 23.3760, 22.4770



21.6439, 23.3760, 28.4048



22.6091, 23.3760, 28.6796

Sweetspot

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



22.8031, 23.3770, 22.7127



44.0699, 46.0656, 48.7367



22.7010, 22.0833, 26.0373



9.7750, 10.2009, 10.7141



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.8031, 23.3770, 22.7127



39.7518, 40.4415, 38.0117



23.8998, 25.5704, 23.0783



5.5643, 5.7349, 5.7030



11.1868, 7.5052, 0.8590



0.1269, 0.1117, 0.0149

Inverse Universe

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



21.9291, 23.6106, 28.6011



37.8176, 40.9579, 51.0403



20.8721, 21.4966, 28.2488



5.3925, 5.7808, 6.8604



7.5888, 8.1636, 24.1528



0.0938, 0.1205, 0.2380

Previews

White Background



This preview shows how the XYZ color 22.8025, 23.3760, 22.7122 looks on a white background.

Color Contrast Check

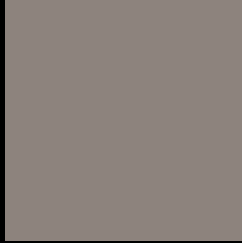
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8025, 23.3760, 22.7122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

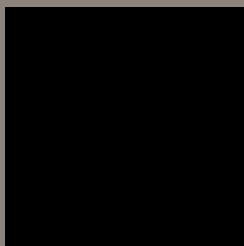
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.8025, 23.3760, 22.7122

Background



This preview shows how black text looks on a background with the XYZ color 22.8025, 23.3760, 22.7122.



This preview shows how white text looks on a background with the XYZ color 22.8025, 23.3760,

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

22.8025, 23.3760, 22.7122

Protanopia

22.3337, 23.3273, 23.0642

Deuteranopia

23.6978, 23.2406, 22.9755



Tritanopia

23.8381, 23.4042, 27.6872

Trichromacy



Original Color

22.8025, 23.3760, 22.7122

Protanomaly

22.4984, 23.4122, 23.0719

Deuteranomaly

23.2932, 23.2266, 22.9942

Tritanomaly

23.4410, 23.4373, 25.8426

Monochromacy



Original Color

22.8025, 23.3760, 22.7122

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.4339, 23.3485, 24.4434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8025, 23.3760, 22.7122 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(141, 131, 125)` looks like.

```
.text, #text, p{  
    color:rgb(141, 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(141, 131, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 131, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.8025, 23.3760, 22.7122 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(141, 131, 125) }
```


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

```
.border{ border-color:rgb(141, 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(141, 131, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 131, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 131, 125);  
box-shadow:4px 4px 4px 4px rgb(141, 131,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8025, 23.3760, 22.7122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 131, 125) }
```

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

```
.background{ background-color: rgb(141,  
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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