

Converting Colors

XYZ(22.8619, 23.8839, 22.9637)

Have a look what the booklet for
XYZ(22.8619, 23.8839, 22.9637)
contains.

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Color

**XYZ(22.7367, 23.7447,
22.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	8B857D
RGB	139, 133, 125
RGB Percent	55%, 52%, 49%
CMY	0.4549, 0.4784, 0.5098
CMYK	0.00, 0.04, 0.10, 0.45
HSL	34°, 6%, 52%
HSV	34°, 10%, 55%
XYZ	22.7367, 23.7447, 22.7869
YIQ	133.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

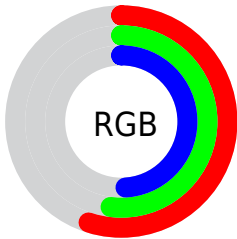
Format	Color
R_{YB}	136, 139, 125
Decimal	9143677
CIE Lab	55.83, 0.77, 5.10
CIE LCh	56, 5.162, 81.458
Yxy	23.7447, 0.3282, 0.3428
Android (android.graphics.Color)	4287333757 (0xFF8B857D)
YUV	133.8820, -4.3788, 4.4885
Hunter-Lab	48.7285, -1.9870, 6.3842

Details

The XYZ color **22.7367, 23.7447, 22.7869** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2340, 22.4564, 27.6418**, and the grayscale version is **22.6312, 23.8098, 25.9289**.

A 20% lighter version of the original color is **47.5871, 49.6696, 49.1986**, and **8.5947, 8.9863, 8.1190** is the 20% darker color. If you saturate the color by 10%, you get **21.1181, 21.8303, 18.1687**, and if you desaturate by 10%, it is **24.5272, 25.8034, 28.0761**.

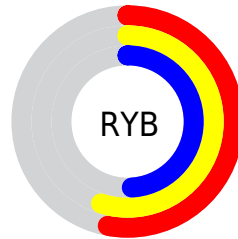
Distribution



Red (55%)

Green (52%)

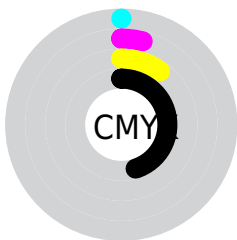
Blue (49%)



Red (53%)

Yellow (55%)

Blue (49%)

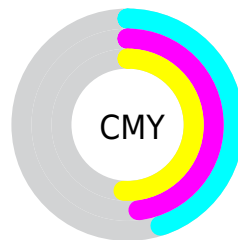


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (45%)



Cyan (45%)

Magenta (48%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7367, 23.7447, 22.7869 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 22.7367, 23.7447, 22.7869 by changing the saturation by 10% instead.

■ 22.7367, 23.7447,
22.7869

■ 22.7367, 23.7447,
22.7869

258.9304,
271.5272, 279.7149

■ 14.5188, 15.1443,
14.2324

■ 47.4305, 49.6133,
48.9619

■ 8.5665, 8.9208,
8.1419

■ 64.6371, 67.6503,
67.4196

■ 4.5144, 4.6895,
4.0968

■ 85.5707, 89.6016,
90.0153

■ 1.9970, 2.0663,
1.6786

110.5966,
115.8517, 117.1677

■ 0.6323, 0.6456,
0.3460

140.0801,
146.7849, 149.2954

■ 0.0000, 0.0000,
0.0000

174.3867,

182.7856, 186.8168

213.8817,
224.2383, 230.1504

■ 22.7367, 23.7447,
22.7869

■ 22.7367, 23.7447,
22.7869

■ 21.1181, 21.8303,
18.1687

■ 24.5272, 25.8034,
28.0761

■ 19.6635, 20.0535,
14.1928

■ 26.4931, 28.0066,
34.0605

■ 18.3672, 18.4115,
10.8304

■ 28.6404, 30.3587,
40.7649

■ 17.2226, 16.9004,
8.0500

■ 30.9742, 32.8628,
48.2126

■ 16.2224, 15.5160,
5.8175

■ 33.4993, 35.5220,
56.4256

■ 15.3586, 14.2537,
4.0949

■ 36.2204, 38.3392,
65.4251

■ 14.6222, 13.1085,
2.8394

■ 39.1420, 41.3173,
75.2315

■ 14.0029, 12.0749,
2.0011

■ 42.2683, 44.4590,
85.8644

■ 13.4764, 11.1466,
1.4412

■ 45.6037, 47.7671,
97.3427

Harmonies

Analogous

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



23.2793, 23.7447, 23.4069



22.7367, 23.7447, 22.7869



22.1582, 23.7447, 22.9604

Triad

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



22.7367, 23.7447, 22.7869



21.5343, 23.7447, 27.0547



23.4631, 23.7447, 27.9210

Complementary

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



22.7367, 23.7447, 22.7869



21.2340, 22.4564, 27.6418

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.



22.9841, 23.7447, 28.9809



22.7367, 23.7447, 22.7869



21.8726, 23.7447, 28.4659

Square

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



22.7367, 23.7447, 22.7869



21.4706, 23.7447, 25.3767



22.4014, 23.7447, 29.1845



23.7034, 23.7447, 26.3371

Rectangle

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



22.7367, 23.7447, 22.7869



21.8295, 23.7447, 23.5060



22.4014, 23.7447, 29.1845



23.3243, 23.7447, 28.3532

Sweetspot

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



22.7374, 23.7457, 22.7874



42.9312, 45.0786, 47.3150



22.0827, 21.7971, 24.5402



9.8358, 10.3224, 10.7344



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.



22.7374, 23.7457, 22.7874



40.0575, 41.7515, 38.8961



23.4269, 25.3552, 23.0617



5.2546, 5.4920, 5.3355



12.1801, 10.0947, 1.3065



0.0955, 0.0962, 0.0135

Inverse Universe

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



21.2340, 22.4564, 27.6418



36.8275, 38.9813, 49.3261



20.5885, 20.9623, 27.3874



4.9393, 5.2216, 6.3534



5.6596, 4.5895, 22.6332



0.0517, 0.0586, 0.1550

Previews

White Background



This preview shows how the XYZ color 22.7367, 23.7447, 22.7869 looks on a white background.

Color Contrast Check

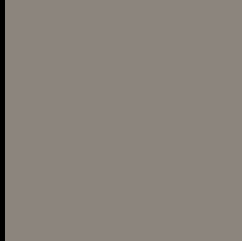
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7367, 23.7447, 22.7869 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

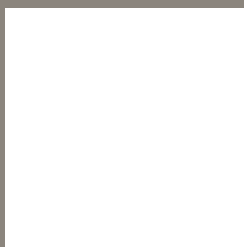
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.7367, 23.7447, 22.7869

Background



This preview shows how black text looks on a background with the XYZ color 22.7367, 23.7447, 22.7869.



This preview shows how white text looks on a background with the XYZ color 22.7367, 23.7447,

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

22.7367, 23.7447, 22.7869

Protanopia

22.5704, 23.6590, 22.7791

Deuteranopia

24.1938, 23.6909, 23.0363



Tritanopia

23.9085, 23.8184, 28.5366

Trichromacy



Original Color

22.7367, 23.7447, 22.7869

Protanomaly

22.5704, 23.6590, 22.7791

Deuteranomaly

23.6026, 23.5826, 23.0466

Tritanomaly

23.4397, 23.8272, 26.2854

Monochromacy



Original Color

22.7367, 23.7447, 22.7869

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.7752, 23.9231, 24.8900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7367, 23.7447, 22.7869 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(139, 133, 125)` looks like.

```
.text, #text, p{  
    color:rgb(139, 133, 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(139, 133, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 133, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.7367, 23.7447, 22.7869 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(139, 133, 125) }
```


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

```
.border{ border-color:rgb(139, 133, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 133, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 133, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 133, 125);  
box-shadow:4px 4px 4px 4px rgb(139, 133,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7367, 23.7447, 22.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 133, 125) }
```

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

```
.background{ background-color: rgb(139,  
133, 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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