

Converting Colors

XYZ(23.9000, 20.5257, 22.2034)

Have a look what the booklet for
XYZ(23.9000, 20.5257, 22.2034)
contains.

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Color

**XYZ(23.7939, 20.4399,
22.0933)**

Conversions

Conversions Part 1

Format	Color
Hex	9F707D
RGB	159, 112, 125
RGB Percent	62%, 44%, 49%
CMY	0.3765, 0.5608, 0.5098
CMYK	0.00, 0.30, 0.21, 0.38
HSL	343°, 20%, 53%
HSV	343°, 30%, 62%
XYZ	23.7939, 20.4399, 22.0933
YIQ	127.5350, 23.8390, 14.0070

Conversions

Conversions Part 2

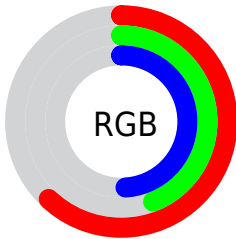
Format	Color
RYB	159, 112, 125
Decimal	10449021
CIELab	52.33, 20.59, 0.29
CIELCh	52, 20.594, 0.799
Yxy	20.4399, 0.3587, 0.3082
Android (android.graphics.Color)	4288639101 (0xFF9F707D)
YUV	127.5350, -1.2498, 27.5948
Hunter-Lab	45.2105, 14.8246, 2.6737

Details

The XYZ color **23.7939, 20.4399, 22.0933** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2693, 30.3168, 31.7681**, and the grayscale version is **20.3558, 21.4159, 23.3219**.

A 20% lighter version of the original color is **49.0429, 44.0614, 48.0393**, and **9.0818, 7.2528, 7.7587** is the 20% darker color. If you saturate the color by 10%, you get **21.4993, 16.9592, 17.9105**, and if you desaturate by 10%, it is **26.4846, 24.5762, 26.8285**.

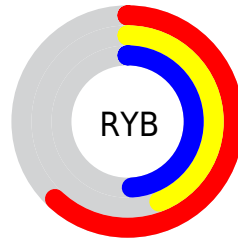
Distribution



Red (62%)

Green (44%)

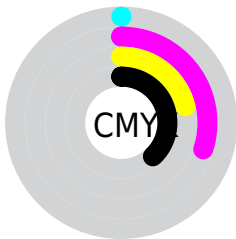
Blue (49%)



Red (62%)

Yellow (44%)

Blue (49%)

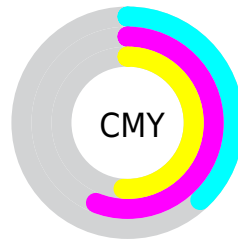


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (38%)



Cyan (38%)


Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.7939, 20.4399, 22.0933 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 23.7939, 20.4399, 22.0933 by changing the saturation by 10% instead.


 23.7939, 20.4399,
22.0933


 23.7939, 20.4399,
22.0933


264.2367,
254.2867, 276.0025


 15.3047, 12.7152,
13.7265


 49.1508, 44.1535,
47.8043


 9.1212, 7.2327,
7.7941


 66.7492, 60.9112,
65.9856

 4.8781, 3.6081,
3.8776

 88.1147, 81.4487,
88.2755

 2.2099, 1.4568,
1.5584

 113.6128,
106.1503, 115.0925

 0.7480, 0.2581,
0.2609

143.6086,
135.4006, 146.8552

 0.0000, 0.0000,
0.0000

178.4676,

169.5838, 183.9820

218.5552,
209.0844, 226.8916

■ 23.7939, 20.4399,
22.0933

■ 23.7939, 20.4399,
22.0933

■ 21.4993, 16.9592,
17.9105

■ 26.4846, 24.5762,
26.8285

■ 19.5798, 14.0974,
14.2582

■ 29.5875, 29.3965,
32.1343

■ 18.0152, 11.8187,
11.1149

■ 33.1200, 34.9310,
38.0299

■ 16.7826, 10.0824,
8.4567

■ 37.0978, 41.2073,
44.5327

■ 15.8561, 8.8424,
6.2581

■ 41.5359, 48.2515,
51.6598

■ 15.2059, 8.0450,
4.4907

■ 46.4486, 56.0885,
59.4275

■ 14.7695, 7.5717,
3.1136

■ 51.8496, 64.7419,
67.8514

■ 14.7522, 7.5526,
3.0604

■ 57.7519, 74.2345,
76.9465

■ 64.1349, 84.5217,
86.7165

Harmonies

Analogous

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



23.2064, 20.4399, 28.4492



23.7939, 20.4399, 22.0933



23.1425, 20.4399, 16.7986

Triad

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



23.7939, 20.4399, 22.0933



17.4147, 20.4399, 13.6603



17.5063, 20.4399, 34.0771

Complementary

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



23.7939, 20.4399, 22.0933



24.2693, 30.3168, 31.7681

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.



16.1330, 20.4399, 28.7823



23.7939, 20.4399, 22.0933



16.0829, 20.4399, 17.0332

Square

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



23.7939, 20.4399, 22.0933



19.3708, 20.4399, 12.5065



15.6309, 20.4399, 22.4186



19.4844, 20.4399, 36.0843

Rectangle

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



23.7939, 20.4399, 22.0933



22.1188, 20.4399, 14.3811



15.6309, 20.4399, 22.4186



16.9639, 20.4399, 32.5804

Sweetspot

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



23.7945, 20.4408, 22.0937



53.2183, 53.0050, 57.9375



23.8507, 20.1745, 35.4381



11.8136, 11.6622, 12.7503



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.



23.7945, 20.4408, 22.0937



40.0209, 32.6636, 34.8766



24.2054, 22.5058, 18.3986



6.7047, 6.6748, 7.2960



11.6675, 5.9716, 2.5001



0.2251, 0.1134, 0.1315

Inverse Universe

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



23.7945, 20.4408, 22.0937



40.0209, 32.6636, 34.8766



23.6593, 27.3855, 36.8400



6.7047, 6.6748, 7.2960



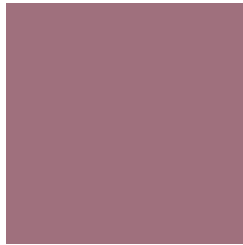
11.6675, 5.9716, 2.5001



0.2251, 0.1134, 0.1315

Previews

White Background



This preview shows how the XYZ color 23.7939, 20.4399, 22.0933 looks on a white background.

Color Contrast Check

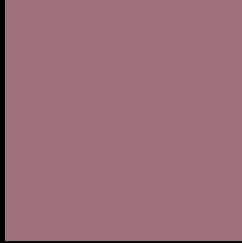
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7939, 20.4399, 22.0933 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 23.7939, 20.4399, 22.0933

Background



This preview shows how black text looks on a background with the XYZ color 23.7939, 20.4399, 22.0933.



This preview shows how white text looks on a background with the XYZ color 23.7939, 20.4399,

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

23.7939, 20.4399, 22.0933

Protanopia

19.8300, 20.4412, 24.7302

Deuteranopia

20.8938, 20.5081, 21.5961



Tritanopia

23.6544, 20.5617, 20.8112

Trichromacy



Original Color

23.7939, 20.4399, 22.0933

Protanomaly

20.9954, 20.3363, 23.5876

Deuteranomaly

21.9706, 20.5231, 21.8722

Tritanomaly

23.7161, 20.5863, 21.1359

Monochromacy



Original Color

23.7939, 20.4399, 22.0933

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.4378, 20.9403, 22.9907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7939, 20.4399, 22.0933 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(159, 112, 125)` looks like.

```
.text, #text, p{  
    color:rgb(159, 112, 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(159, 112, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 112, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.7939, 20.4399, 22.0933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

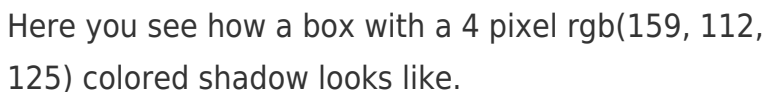
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 112, 125) }
```


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

```
.border{ border-color:rgb(159, 112, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 112, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 112, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 112, 125);  
box-shadow:4px 4px 4px 4px rgb(159, 112,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7939, 20.4399, 22.0933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 112, 125) }
```

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

```
.background{ background-color: rgb(159,  
112, 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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