

Converting Colors

XYZ(23.3930, 23.0960, 22.4083)

Have a look what the booklet for
XYZ(23.3930, 23.0960, 22.4083)
contains.

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Color

**XYZ(23.3899, 23.0966,
22.2941)**

Conversions

Conversions Part 1

Format	Color
Hex	93807C
RGB	147, 128, 124
RGB Percent	58%, 50%, 49%
CMY	0.4235, 0.4980, 0.5137
CMYK	0.00, 0.13, 0.16, 0.42
HSL	10°, 10%, 53%
HSV	10°, 16%, 58%
XYZ	23.3899, 23.0966, 22.2941
YIQ	133.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

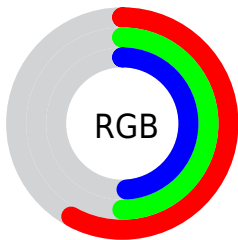
Format	Color
R_{YB}	147, 129, 124
Decimal	9666684
CIE Lab	55.17, 6.55, 4.83
CIE LCh	55, 8.141, 36.388
Yxy	23.0966, 0.3401, 0.3358
Android (android.graphics.Color)	4287856764 (0xFF93807C)
YUV	133.2250, -4.5479, 12.0807
Hunter-Lab	48.0589, 2.7714, 6.1371

Details

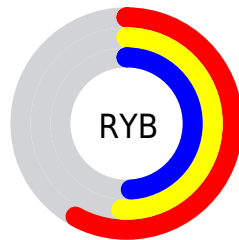
The XYZ color **23.3899, 23.0966, 22.2941** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4010, 26.0361, 31.3962**, and the grayscale version is **22.3896, 23.5557, 25.6521**.

A 20% lighter version of the original color is **48.4477, 48.5998, 47.9015**, and **8.8899, 8.5868, 7.8455** is the 20% darker color. If you saturate the color by 10%, you get **21.0388, 19.7726, 17.2607**, and if you desaturate by 10%, it is **26.0705, 26.8572, 28.1216**.

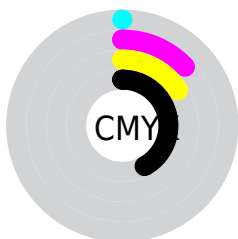
Distribution



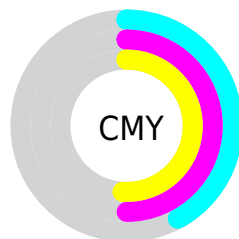
- Red (58%)
- Green (50%)
- Blue (49%)



- Red (58%)
- Yellow (51%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (42%)



- Cyan (42%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3899, 23.0966, 22.2941 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 23.3899, 23.0966, 22.2941 by changing the saturation by 10% instead.

■ 23.3899, 23.0966,
22.2941

■ 23.3899, 23.0966,
22.2941

262.2194,
268.2208, 277.0818

■ 15.0039, 14.6649,
13.8728

■ 48.4947, 48.5519,
48.1400

■ 8.9085, 8.5845,
7.8945

■ 65.9443, 66.3442,
66.4017

■ 4.7382, 4.4712,
3.9407

■ 87.1458, 88.0256,
88.7805

■ 2.1276, 1.9405,
1.5929

112.4645,
113.9803, 115.6951

■ 0.7042, 0.5725,
0.2857

142.2659,
144.5927, 147.5640

■ 0.0000, 0.0000,
0.0000

176.9153,

180.2474, 184.8057

216.7780,
221.3286, 227.8388

■ 23.3899, 23.0966,
22.2941

■ 23.3899, 23.0966,
22.2941

■ 21.0388, 19.7726,
17.2607

■ 26.0705, 26.8572,
28.1216

■ 19.0024, 16.8664,
12.9856

■ 29.0906, 31.0662,
34.7741

■ 17.2677, 14.3622,
9.4323

■ 32.4625, 35.7388,
42.2826

■ 15.8202, 12.2422,
6.5607

■ 36.1969, 40.8888,
50.6759

■ 14.6440, 10.4871,
4.3269

■ 40.3043, 46.5292,
59.9818

■ 13.7216, 9.0761,
2.6818

■ 44.7947, 52.6724,
70.2265

■ 13.0333, 7.9861,
1.5689

■ 49.6777, 59.3306,
81.4354

■ 12.5544, 7.1902,
0.9100

■ 54.9627, 66.5154,
93.6329

■ 12.3929, 6.9235,
0.6832

■ 60.4482, 74.1541,
105.7350

Harmonies

Analogous

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



23.7358, 23.0966, 24.5955



23.3899, 23.0966, 22.2941



22.6602, 23.0966, 20.8350

Triad

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



23.3899, 23.0966, 22.2941



20.3898, 23.0966, 23.1961



22.1477, 23.0966, 30.4579

Complementary

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



23.3899, 23.0966, 22.2941



23.4010, 26.0361, 31.3962

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.



21.2600, 23.0966, 30.0192



23.3899, 23.0966, 22.2941



20.2611, 23.0966, 25.7093

Square

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



23.3899, 23.0966, 22.2941



20.9320, 23.0966, 21.3301



20.5755, 23.0966, 28.2362



23.0059, 23.0966, 29.3969

Rectangle

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



23.3899, 23.0966, 22.2941



22.0629, 23.0966, 20.4762



20.5755, 23.0966, 28.2362



21.8427, 23.0966, 30.4819

Sweetspot

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



23.3905, 23.0976, 22.2946



46.9661, 48.4855, 50.9701



24.2111, 22.6069, 29.1407



10.6468, 10.9640, 11.4721



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.3905, 23.0976, 22.2946



40.2440, 39.0448, 36.3871



24.9520, 26.2205, 22.8151



5.8776, 5.9689, 6.0828



10.7575, 6.0295, 0.5968



0.1469, 0.1044, 0.0124

Inverse Universe

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



23.4010, 26.0361, 31.3962



40.2659, 45.3996, 56.0754



21.7851, 22.8043, 30.8575



5.8792, 6.3923, 7.3937



10.5534, 13.8016, 26.0388



0.1473, 0.2052, 0.3248

Previews

White Background



This preview shows how the XYZ color 23.3899, 23.0966, 22.2941 looks on a white background.

Color Contrast Check

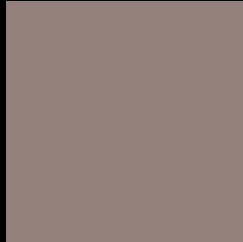
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3899, 23.0966, 22.2941 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

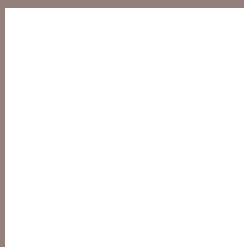
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3899, 23.0966, 22.2941

Background



This preview shows how black text looks on a background with the XYZ color 23.3899, 23.0966, 22.2941.



This preview shows how white text looks on a background with the XYZ color 23.3899, 23.0966,

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

23.3899, 23.0966, 22.2941

Protanopia

22.1705, 23.2431, 23.0565

Deuteranopia

23.5700, 23.1895, 22.3025



Tritanopia

24.2992, 23.0888, 26.4684

Trichromacy



Original Color

23.3899, 23.0966, 22.2941

Protanomaly

22.6332, 23.2887, 22.7043

Deuteranomaly

23.5700, 23.1895, 22.3025

Tritanomaly

23.9670, 23.1406, 25.0332

Monochromacy



Original Color

23.3899, 23.0966, 22.2941

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.6268, 23.2476, 24.4138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3899, 23.0966, 22.2941 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(147, 128, 124) looks like.

```
.text, #text, p{  
    color:rgb(147, 128, 124)  
}
```

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(147, 128, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 128, 124) }
```

Border

The CSS property to change the border of an element to XYZ 23.3899, 23.0966, 22.2941 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(147, 128, 124) }
```


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

```
.border{ border-color:rgb(147, 128, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 128, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 128, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 128, 124);  
box-shadow:4px 4px 4px 4px rgb(147, 128,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3899, 23.0966, 22.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 128, 124) }
```

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

```
.background{ background-color: rgb(147,  
128, 124) }
```

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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