

Converting Colors

XYZ(23.9611, 22.5736, 23.1634)

Have a look what the booklet for
XYZ(23.9611, 22.5736, 23.1634)
contains.

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Color

**XYZ(23.9873, 22.6230,
23.1811)**

Conversions

Conversions Part 1

Format	Color
Hex	987C7F
RGB	152, 124, 127
RGB Percent	60%, 49%, 50%
CMY	0.4039, 0.5137, 0.5020
CMYK	0.00, 0.18, 0.16, 0.40
HSL	354°, 12%, 54%
HSV	354°, 18%, 60%
XYZ	23.9873, 22.6230, 23.1811
YIQ	132.7140, 15.7250, 6.8690

Conversions

Conversions Part 2

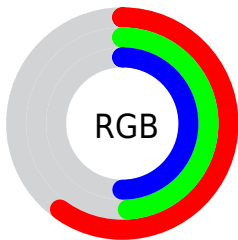
Format	Color
R_{YB}	152, 124, 127
Decimal	9993343
CIE _{Lab}	54.68, 11.31, 2.44
CIE _{LCh}	55, 11.571, 12.185
Yxy	22.6230, 0.3437, 0.3242
Android (android.graphics.Color)	4288183423 (0xFF987C7F)
YUV	132.7140, -2.8170, 16.9138
Hunter-Lab	47.5636, 6.7848, 4.3984

Details

The XYZ color **23.9873, 22.6230, 23.1811** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.9661, 28.9120, 32.6998**, and the grayscale version is **22.1968, 23.3528, 25.4311**.

A 20% lighter version of the original color is **49.6925, 48.0050, 49.8268**, and **9.2581, 8.3489, 8.3313** is the 20% darker color. If you saturate the color by 10%, you get **21.4015, 18.7728, 18.2450**, and if you desaturate by 10%, it is **26.9872, 27.1102, 28.8437**.

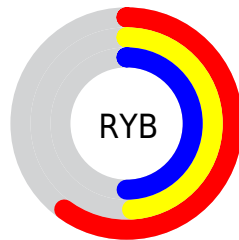
Distribution



Red (60%)

Green (49%)

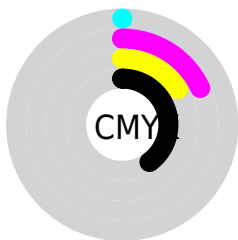
Blue (50%)



Red (60%)

Yellow (49%)

Blue (50%)

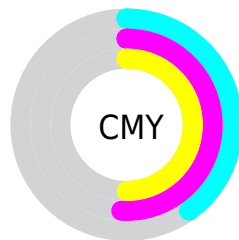


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (40%)



Cyan (40%)

Magenta (51%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9873, 22.6230, 23.1811 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 23.9873, 22.6230, 23.1811 by changing the saturation by 10% instead.

■ 23.9873, 22.6230,
23.1811

■ 23.9873, 22.6230,
23.1811

265.1979,
265.7827, 281.8058

■ 15.4489, 14.3154,
14.5207

■ 49.4643, 47.7735,
49.6175

■ 9.2234, 8.3403,
8.3409

■ 67.1336, 65.3853,
68.2306

■ 4.9455, 4.3135,
4.2229

■ 88.5772, 86.8671,
90.9983

■ 2.2497, 1.8504,
1.7484

114.1606,
112.6036, 118.3393

■ 0.7687, 0.5183,
0.3936

144.2489,
142.9789, 150.6719

■ 0.0000, 0.0000,
0.0000

179.2077,

178.3777, 188.4149

219.4023,
219.1841, 231.9867

■ 23.9873, 22.6230,
23.1811

■ 23.9873, 22.6230,
23.1811

■ 21.4015, 18.7728,
18.2450

■ 26.9872, 27.1102,
28.8437

■ 19.2098, 15.5278,
14.0046

■ 30.4163, 32.2582,
35.2592

■ 17.3933, 12.8582,
10.4291

■ 34.2913, 38.0933,
42.4542

■ 15.9308, 10.7302,
7.4845

■ 38.6275, 44.6396,
50.4538

■ 14.7991, 9.1068,
5.1341

■ 43.4392, 51.9199,
59.2818

■ 13.9720, 7.9461,
3.3373

■ 48.7405, 59.9559,
68.9610

■ 13.4195, 7.1995,
2.0483

■ 54.5446, 68.7687,
79.5135

■ 13.0877, 6.7727,
1.2078

■ 60.8643, 78.3783,
90.9605

■ 13.0446, 6.7137,
1.1093

■ 65.8322, 85.0447,
102.6958

Harmonies

Analogous

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



23.9204, 22.6230, 26.8423



23.9873, 22.6230, 23.1811



23.3695, 22.6230, 20.2148

Triad

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



23.9873, 22.6230, 23.1811



19.8988, 22.6230, 19.7906



20.7616, 22.6230, 31.9348

Complementary

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



23.9873, 22.6230, 23.1811



24.9661, 28.9120, 32.6998

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.



19.7377, 22.6230, 29.6513



23.9873, 22.6230, 23.1811



19.2533, 22.6230, 22.5476

Square

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



23.9873, 22.6230, 23.1811



20.9895, 22.6230, 18.3909



19.1955, 22.6230, 26.1435



22.0238, 22.6230, 32.1474

Rectangle

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



23.9873, 22.6230, 23.1811



22.6661, 22.6230, 18.9333



19.1955, 22.6230, 26.1435



20.3794, 22.6230, 31.3743

Sweetspot

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



23.9879, 22.6240, 23.1816



48.9599, 49.8386, 53.3991



25.2216, 23.0478, 32.8253



11.0507, 11.2117, 11.9919



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.9879, 22.6240, 23.1816



40.4248, 37.0763, 37.2732



25.2145, 25.3851, 22.6409



6.2343, 6.2329, 6.6142



10.9437, 5.6317, 0.9627



0.1698, 0.0867, 0.0470

Inverse Universe

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



23.9879, 22.6240, 23.1816



40.4248, 37.0763, 37.2732



23.5448, 25.6814, 33.4220



6.2343, 6.2329, 6.6142



10.9437, 5.6317, 0.9627



0.1698, 0.0867, 0.0470

Previews

White Background



This preview shows how the XYZ color 23.9873, 22.6230, 23.1811 looks on a white background.

Color Contrast Check

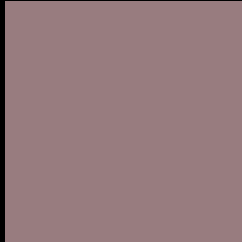
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9873, 22.6230, 23.1811 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 23.9873, 22.6230, 23.1811

Background



This preview shows how black text looks on a background with the XYZ color 23.9873, 22.6230, 23.1811.



This preview shows how white text looks on a background with the XYZ color 23.9873, 22.6230,

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

23.9873, 22.6230, 23.1811

Protanopia

21.7522, 22.5905, 24.6867

Deuteranopia

23.0323, 22.7048, 22.9072



Tritanopia

24.4535, 22.6317, 25.2698

Trichromacy



Original Color

23.9873, 22.6230, 23.1811

Protanomaly

22.5637, 22.6255, 24.2970

Deuteranomaly

23.4395, 22.7240, 22.8894

Tritanomaly

24.3166, 22.5769, 24.5489

Monochromacy



Original Color

23.9873, 22.6230, 23.1811

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.8946, 23.1794, 24.7401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9873, 22.6230, 23.1811 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(152, 124, 127)` looks like.

```
.text, #text, p{  
    color:rgb(152, 124, 127)  
}
```

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(152, 124, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 124, 127) }
```

Border

The CSS property to change the border of an element to XYZ 23.9873, 22.6230, 23.1811 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(152, 124, 127) }
```


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

```
.border{ border-color:rgb(152, 124, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 124, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 124, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 124, 127);  
box-shadow:4px 4px 4px 4px rgb(152, 124,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9873, 22.6230, 23.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 124, 127) }
```

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

```
.background{ background-color: rgb(152,  
124, 127) }
```

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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