

Converting Colors

XYZ(23.0028, 19.8627, 22.8043)

Have a look what the booklet for
XYZ(23.0028, 19.8627, 22.8043)
contains.

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Color

**XYZ(23.0328, 19.8697,
22.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6F7F
RGB	155, 111, 127
RGB Percent	61%, 44%, 50%
CMY	0.3922, 0.5647, 0.5020
CMYK	0.00, 0.28, 0.18, 0.39
HSL	338°, 18%, 52%
HSV	338°, 28%, 61%
XYZ	23.0328, 19.8697, 22.7000
YIQ	125.9800, 21.0880, 14.3040

Conversions

Conversions Part 2

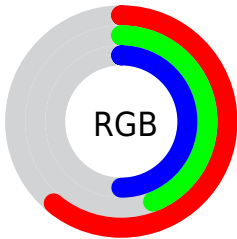
Format	Color
RYB	155, 111, 127
Decimal	10186623
CIELab	51.69, 19.96, -1.88
CIElCh	52, 20.049, 354.605
Yxy	19.8697, 0.3511, 0.3029
Android (android.graphics.Color)	4288376703 (0xFF9B6F7F)
YUV	125.9800, 0.5029, 25.4505
Hunter-Lab	44.5754, 14.2266, 1.0094

Details

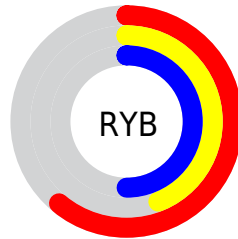
The XYZ color **23.0328, 19.8697, 22.7000** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9379, 28.6869, 28.7555**, and the grayscale version is **19.8182, 20.8502, 22.7059**.

A 20% lighter version of the original color is **47.9138, 43.1913, 48.9914**, and **8.7462, 6.9886, 8.0957** is the 20% darker color. If you saturate the color by 10%, you get **20.8744, 16.5316, 18.9625**, and if you desaturate by 10%, it is **25.5488, 23.8217, 26.8677**.

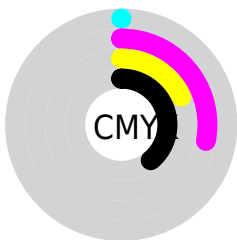
Distribution



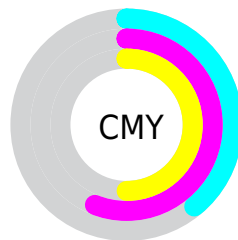
- Red (61%)
- Green (44%)
- Blue (50%)



- Red (61%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (18%)
- Black (39%)





- Cyan (39%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.0328, 19.8697, 22.7000 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 23.0328, 19.8697, 22.7000 by changing the saturation by 10% instead.


 23.0328, 19.8697,
22.7000


 23.0328, 19.8697,
22.7000


260.4256,
251.2089, 279.2522


 14.7386, 12.3004,
14.1689

 47.9134, 43.1986,
48.8172


 8.7212, 6.9486,
8.0982


 65.2305, 59.7270,
67.2404

 4.6154, 3.4300,
4.0692

 86.2860, 80.0105,
89.7981

 2.0559, 1.3601,
1.6634

 111.4451,
104.4335, 116.9087

 0.6650, 0.1870,
0.3354

141.0733,
133.3805, 148.9909

 0.0000, 0.0000,
0.0000

175.5359,

167.2358, 186.4632

215.1982,
206.3838, 229.7441

■ 23.0328, 19.8697,
22.7000

■ 23.0328, 19.8697,
22.7000

■ 20.8744, 16.5316,
18.9625

■ 25.5488, 23.8217,
26.8677

■ 19.0548, 13.7737,
15.6395

■ 28.4365, 28.4138,
31.4782

■ 17.5564, 11.5632,
12.7159

■ 31.7113, 33.6739,
36.5450

■ 16.3588, 9.8626,
10.1752

■ 35.3870, 39.6273,
42.0807

■ 15.4393, 8.6300,
7.9997

■ 39.4772, 46.2981,
48.0974

■ 14.7718, 7.8165,
6.1695

■ 43.9943, 53.7094,
54.6065

■ 14.3074, 7.3280,
4.6568

■ 48.9505, 61.8829,
61.6194

■ 14.2403, 7.2577,
4.4378

■ 54.3575, 70.8398,
69.1468

■ 60.2263, 80.6001,
77.1992

Harmonies

Analogous

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



22.2404, 19.8697, 28.7568



23.0328, 19.8697, 22.7000



22.6511, 19.8697, 17.3164

Triad

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



23.0328, 19.8697, 22.7000



17.3105, 19.8697, 12.9981



16.7191, 19.8697, 32.0564

Complementary

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



23.0328, 19.8697, 22.7000



22.9379, 28.6869, 28.7555

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.



15.5624, 19.8697, 26.6172



23.0328, 19.8697, 22.7000



15.8863, 19.8697, 15.7979

Square

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



23.0328, 19.8697, 22.7000



19.2539, 19.8697, 12.3244



15.2686, 19.8697, 20.6033



18.5219, 19.8697, 34.7422

Rectangle

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



23.0328, 19.8697, 22.7000



21.7952, 19.8697, 14.7115



15.2686, 19.8697, 20.6033



16.2471, 19.8697, 30.4471

Sweetspot

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



23.0334, 19.8706, 22.7004



50.4926, 50.1927, 55.6916



22.2268, 19.2139, 33.5479



11.2610, 11.0931, 12.3407



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.0334, 19.8706, 22.7004



38.7498, 31.7071, 36.3628



22.7333, 20.8087, 17.8582



6.2970, 6.2580, 6.9441



11.4548, 5.8362, 3.6541



0.1877, 0.0938, 0.1413

Inverse Universe

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



23.0334, 19.8706, 22.7004



38.7498, 31.7071, 36.3628



23.2412, 27.2838, 35.0520



6.2970, 6.2580, 6.9441



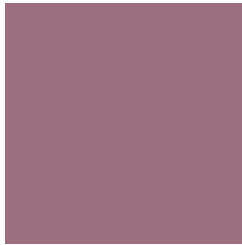
11.4548, 5.8362, 3.6541



0.1877, 0.0938, 0.1413

Previews

White Background



This preview shows how the XYZ color 23.0328, 19.8697, 22.7000 looks on a white background.

Color Contrast Check

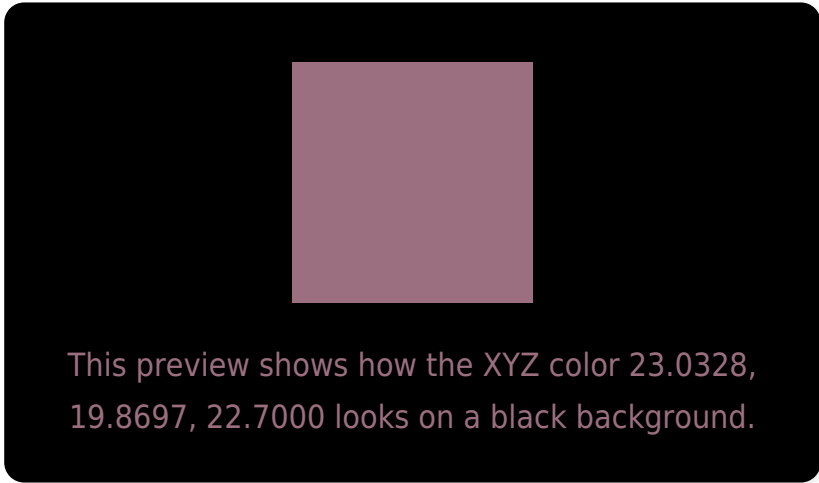
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

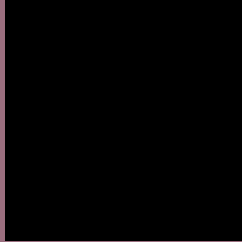
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0328, 19.8697, 22.7000

Background



This preview shows how black text looks on a background with the XYZ color 23.0328, 19.8697, 22.7000.



This preview shows how white text looks on a background with the XYZ color 23.0328, 19.8697,

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

23.0328, 19.8697, 22.7000

Protanopia

19.5544, 20.0981, 25.4029

Deuteranopia

20.4098, 20.0645, 22.1992



Tritanopia

22.5718, 19.8388, 20.7288

Trichromacy



Original Color

23.0328, 19.8697, 22.7000

Protanomaly

20.6852, 19.9832, 24.2397

Deuteranomaly

21.2825, 19.9797, 22.4734

Tritanomaly

22.6957, 19.8884, 21.3815

Monochromacy



Original Color

23.0328, 19.8697, 22.7000

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.9198, 20.4995, 22.5929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0328, 19.8697, 22.7000 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(155, 111, 127)` looks like.

```
.text, #text, p{  
    color:rgb(155, 111, 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(155, 111, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 111, 127) }
```

Border

The CSS property to change the border of an element to XYZ 23.0328, 19.8697, 22.7000 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(155, 111, 127) }
```


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

```
.border{ border-color:rgb(155, 111, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 111, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 111, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 111, 127);  
box-shadow:4px 4px 4px 4px rgb(155, 111,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0328, 19.8697, 22.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 111, 127) }
```

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

```
.background{ background-color: rgb(155,  
111, 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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