

Converting Colors

XYZ(23.3436, 19.2243, 22.6510)

Have a look what the booklet for
XYZ(23.3436, 19.2243, 22.6510)
contains.

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Color

**XYZ(23.2829, 19.2113,
22.5597)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6A7F
RGB	159, 106, 127
RGB Percent	62%, 42%, 50%
CMY	0.3765, 0.5843, 0.5020
CMYK	0.00, 0.33, 0.20, 0.38
HSL	336°, 22%, 52%
HSV	336°, 33%, 62%
XYZ	23.2829, 19.2113, 22.5597
YIQ	124.2410, 24.8470, 17.7670

Conversions

Conversions Part 2

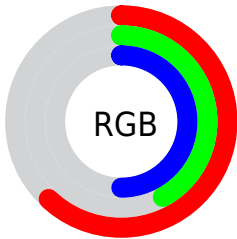
Format	Color
R_{YB}	159, 106, 127
Decimal	10447487
CIE _{Lab}	50.93, 24.34, -2.94
CIE _{LCh}	51, 24.521, 353.105
Yxy	19.2113, 0.3579, 0.2953
Android (android.graphics.Color)	4288637567 (0xFF9F6A7F)
YUV	124.2410, 1.3602, 30.4836
Hunter-Lab	43.8307, 18.1156, 0.1649

Details

The XYZ color **23.2829, 19.2113, 22.5597** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9303, 29.6960, 28.5695**, and the grayscale version is **19.2288, 20.2302, 22.0307**.

A 20% lighter version of the original color is **48.4894, 42.1961, 48.7690**, and **8.8321, 6.6403, 8.0239** is the 20% darker color. If you saturate the color by 10%, you get **21.1976, 15.9946, 18.9233**, and if you desaturate by 10%, it is **25.7327, 23.0612, 26.6123**.

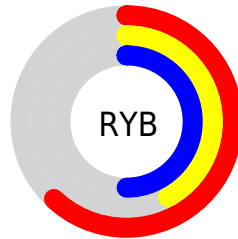
Distribution



Red (62%)

Green (42%)

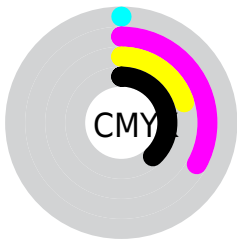
Blue (50%)



Red (62%)

Yellow (42%)

Blue (50%)

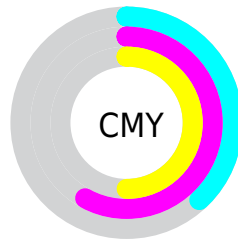


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (38%)



Cyan (38%)


Magenta (58%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.2829, 19.2113, 22.5597 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 23.2829, 19.2113, 22.5597 by changing the saturation by 10% instead.


 23.2829, 19.2113,
22.5597


 23.2829, 19.2113,
22.5597


261.6830,
247.6128, 278.5036


 14.9244, 11.8231,
14.0665


 48.3207, 42.0908,
48.5833


 8.8523, 6.6233,
8.0277


 65.7306, 58.3509,
66.9508

 4.7013, 3.2277,
4.0246


 86.8885, 78.3371,
89.4469

 2.1060, 1.2517,
1.6389

 112.1595,
102.4337, 116.4899

 0.6925, 0.1033,
0.3183

141.9091,
131.0252, 148.4986

 0.0000, 0.0000,
0.0000

176.5027,

164.4960, 185.8914

216.3055,
203.2303, 229.0869

■ 23.2829, 19.2113,
22.5597

■ 23.2829, 19.2113,
22.5597

■ 21.1976, 15.9946,
18.9233

■ 25.7327, 23.0612,
26.6123

■ 19.4567, 13.3743,
15.6875

■ 28.5626, 27.5734,
31.0933

■ 18.0406, 11.3134,
12.8375


■ 31.7891, 32.7783,
36.0163


■ 16.9269, 9.7702,
10.3567


■ 35.4271, 38.7036,
41.3933


■ 16.0900, 8.6968,
8.2273


■ 39.4911, 45.3756,
47.2363


 15.4999, 8.0360,
6.4293

 43.9944, 52.8191,
53.5566

 15.1952, 7.7298,
5.3930

 48.9502, 61.0580,
60.3651

 54.3708, 70.1149,
67.6724

 60.2680, 80.0117,
75.4887

Harmonies

Analogous

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



22.2420, 19.2113, 29.9874



23.2829, 19.2113, 22.5597



22.8856, 19.2113, 16.1095

Triad

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



23.2829, 19.2113, 22.5597



16.4930, 19.2113, 10.8942



15.6048, 19.2113, 33.4962

Complementary

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



23.2829, 19.2113, 22.5597



22.9303, 29.6960, 28.5695

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.



14.3035, 19.2113, 26.5988



23.2829, 19.2113, 22.5597



14.7837, 19.2113, 13.8906

Square

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



23.2829, 19.2113, 22.5597



18.8244, 19.2113, 10.2764



14.0166, 19.2113, 19.3576



17.7065, 19.2113, 37.1441

Rectangle

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



23.2829, 19.2113, 22.5597



21.8743, 19.2113, 13.0652



14.0166, 19.2113, 19.3576



15.0671, 19.2113, 31.4165

Sweetspot

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



23.2834, 19.2122, 22.5601



52.8898, 52.1728, 58.3678



21.8610, 18.1985, 35.1616



11.7570, 11.4937, 12.9019



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.



23.2834, 19.2122, 22.5601



38.8625, 30.0213, 35.4942



22.6175, 19.8469, 16.2755



6.7365, 6.6875, 7.4634



12.0211, 6.1130, 4.3620



0.2351, 0.1174, 0.1843

Inverse Universe

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



23.2834, 19.2122, 22.5601



38.8625, 30.0213, 35.4942



23.7087, 28.5802, 37.0681



6.7365, 6.6875, 7.4634



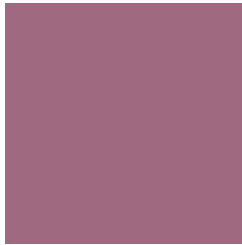
12.0211, 6.1130, 4.3620



0.2351, 0.1174, 0.1843

Previews

White Background



This preview shows how the XYZ color 23.2829, 19.2113, 22.5597 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 23.2829, 19.2113, 22.5597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

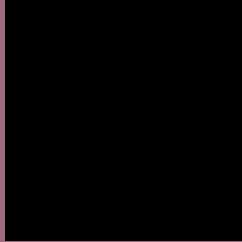
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2829, 19.2113, 22.5597

Background



This preview shows how black text looks on a background with the XYZ color 23.2829, 19.2113, 22.5597.



This preview shows how white text looks on a background with the XYZ color 23.2829, 19.2113,

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

23.2829, 19.2113, 22.5597

Protanopia

19.0270, 19.4454, 26.0431

Deuteranopia

19.6958, 19.3431, 22.0975



Tritanopia

22.6155, 19.2552, 19.0477

Trichromacy



Original Color

23.2829, 19.2113, 22.5597

Protanomaly

20.3105, 19.2526, 24.8359

Deuteranomaly

20.9385, 19.2918, 22.3588

Tritanomaly

22.7484, 19.1406, 20.2648

Monochromacy



Original Color

23.2829, 19.2113, 22.5597

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.3795, 19.5216, 22.0960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2829, 19.2113, 22.5597 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, 106, 127)` looks like.

```
.text, #text, p{  
    color:rgb(159, 106, 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(159, 106, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 106, 127) }
```

Border

The CSS property to change the border of an element to XYZ 23.2829, 19.2113, 22.5597 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, 106, 127) }
```


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

```
.border{ border-color:rgb(159, 106, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 106, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 106, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 106, 127);  
box-shadow:4px 4px 4px 4px rgb(159, 106,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2829, 19.2113, 22.5597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 106, 127) }
```

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

```
.background{ background-color: rgb(159,  
106, 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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