

Converting Colors

XYZ(23.5872, 19.7389, 26.1923)

Have a look what the booklet for
XYZ(23.5872, 19.7389, 26.1923)
contains.

XYZ(23.6943, 19.8113, 26.2421)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.6943, 19.8113,
26.2421)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6D89
RGB	156, 109, 137
RGB Percent	61%, 43%, 54%
CMY	0.3882, 0.5725, 0.4627
CMYK	0.00, 0.30, 0.12, 0.39
HSL	324°, 19%, 52%
HSV	324°, 30%, 61%
XYZ	23.6943, 19.8113, 26.2421
YIQ	126.2450, 19.0240, 18.6720

Conversions

Conversions Part 2

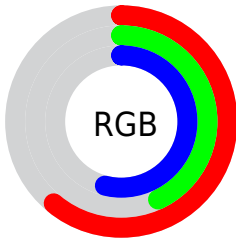
Format	Color
R_{YB}	156, 109, 137
Decimal	10251657
CIE _{Lab}	51.62, 23.20, -7.87
CIE _{LCh}	52, 24.502, 341.259
Yxy	19.8113, 0.3397, 0.2840
Android (android.graphics.Color)	4288441737 (0xFF9C6D89)
YUV	126.2450, 5.3022, 26.0951
Hunter-Lab	44.5099, 17.1300, -3.7992

Details

The XYZ color **23.6943, 19.8113, 26.2421** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.0922, 28.5872, 24.7768**, and the grayscale version is **19.8930, 20.9290, 22.7917**.

A 20% lighter version of the original color is **48.9031, 43.0563, 54.4484**, and **9.0980, 6.9687, 9.8824** is the 20% darker color. If you saturate the color by 10%, you get **21.7363, 16.5981, 23.4223**, and if you desaturate by 10%, it is **25.9752, 23.6276, 29.3005**.

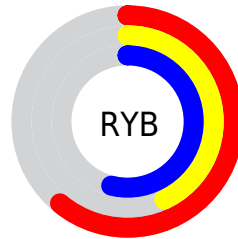
Distribution



Red (61%)

Green (43%)

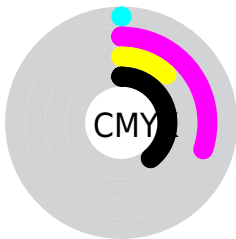
Blue (54%)



Red (61%)

Yellow (43%)

Blue (54%)

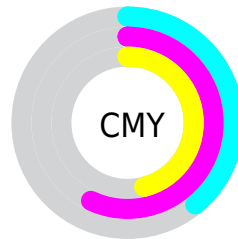


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (39%)



Cyan (39%)


Magenta (57%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.6943, 19.8113, 26.2421 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 23.6943, 19.8113, 26.2421 by changing the saturation by 10% instead.


 23.6943, 19.8113,
26.2421


 23.6943, 19.8113,
26.2421

263.7406,
250.8917, 297.6117


 15.2305, 12.2580,
16.7775


 48.9892, 43.1006,
54.6541


 9.0687, 6.9196,
9.9157


 66.5510, 59.6053,
74.4386

 4.8435, 3.4119,
5.2382

 87.8762, 79.8626,
98.5001

 2.1895, 1.3504,
2.3265

 113.3302,
104.2569, 127.2571

 0.7372, 0.1797,
0.7460

143.2782,
133.1726, 161.1283

 0.0000, 0.0000,
0.0000

178.0857,

166.9940, 200.5321

218.1181,
206.1056, 245.8870

■ 23.6943, 19.8113,
26.2421

■ 23.6943, 19.8113,
26.2421

■ 21.7363, 16.5981,
23.4223

■ 25.9752, 23.6276,
29.3005

■ 20.0835, 13.9539,
20.8323

■ 28.5923, 28.0734,
32.6033

■ 18.7190, 11.8453,
18.4644

■ 31.5601, 33.1768,
36.1578

■ 17.6232, 10.2343,
16.3099

■ 34.8916, 38.9634,
39.9704

■ 16.7744, 9.0777,
14.3589

■ 38.5994, 45.4574,
44.0472

■ 16.1468, 8.3251,
12.6005

■ 42.6953, 52.6820,
48.3942

■ 15.6833, 7.8571,
11.0304

■ 47.1905, 60.6590,
53.0170

■ 52.0960, 69.4096,
57.9211

■ 57.4221, 78.9539,
63.1119

Harmonies

Analogous

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



22.1384, 19.8113, 33.4944



23.6943, 19.8113, 26.2421



23.8817, 19.8113, 19.0233

Triad

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



23.6943, 19.8113, 26.2421



17.9180, 19.8113, 10.7935



15.4812, 19.8113, 31.8399

Complementary

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



23.6943, 19.8113, 26.2421



22.0922, 28.5872, 24.7768

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.



14.5463, 19.8113, 24.3369



23.6943, 19.8113, 26.2421



15.8689, 19.8113, 12.8779

Square

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



23.6943, 19.8113, 26.2421



20.3973, 19.8113, 11.0856



14.6817, 19.8113, 17.4902



17.3452, 19.8113, 37.1826

Rectangle

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



23.6943, 19.8113, 26.2421



23.1879, 19.8113, 15.2558



14.6817, 19.8113, 17.4902



15.0555, 19.8113, 29.4256

Sweetspot

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



23.6949, 19.8122, 26.2425



52.4147, 51.8156, 59.8087



20.3422, 17.9123, 33.8381



11.3812, 11.1411, 12.9736



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.



23.6949, 19.8122, 26.2425



40.6294, 32.0201, 44.2421



22.1999, 19.2142, 18.3698



6.7905, 6.7091, 7.7480



12.9355, 6.4788, 9.1775



0.2519, 0.1241, 0.2724

Inverse Universe

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



23.6949, 19.8122, 26.2425



40.6294, 32.0201, 44.2421



23.8061, 29.2728, 33.8020



6.7905, 6.7091, 7.7480



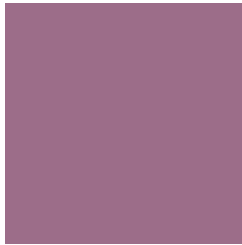
12.9355, 6.4788, 9.1775



0.2519, 0.1241, 0.2724

Previews

White Background



This preview shows how the XYZ color 23.6943, 19.8113, 26.2421 looks on a white background.

Color Contrast Check

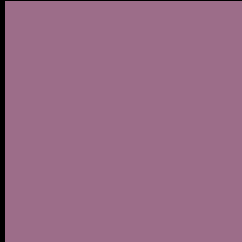
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6943, 19.8113, 26.2421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

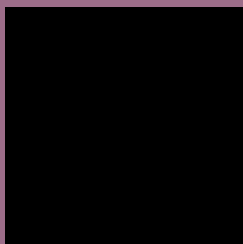
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.6943, 19.8113, 26.2421

Background



This preview shows how black text looks on a background with the XYZ color 23.6943, 19.8113, 26.2421.



This preview shows how white text looks on a background with the XYZ color 23.6943, 19.8113,

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

23.6943, 19.8113, 26.2421

Protanopia

19.7556, 19.9163, 29.9971

Deuteranopia

20.2956, 19.9280, 25.6985



Tritanopia

22.5718, 19.8388, 20.7288

Trichromacy



Original Color

23.6943, 19.8113, 26.2421

Protanomaly

20.8349, 19.6113, 28.6738

Deuteranomaly

21.3368, 19.7573, 25.9815

Tritanomaly

23.0328, 19.8697, 22.7000

Monochromacy



Original Color

23.6943, 19.8113, 26.2421

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.0623, 20.3630, 23.9394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6943, 19.8113, 26.2421 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(156, 109, 137)` looks like.

```
.text, #text, p{  
    color:rgb(156, 109, 137)  
}
```

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(156, 109, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 109, 137) }
```

Border

The CSS property to change the border of an element to XYZ 23.6943, 19.8113, 26.2421 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(156, 109, 137) }
```


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

```
.border{ border-color:rgb(156, 109, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 109, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 109, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 109, 137);  
box-shadow:4px 4px 4px 4px rgb(156, 109,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6943, 19.8113, 26.2421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 109, 137) }
```

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

```
.background{ background-color: rgb(156,  
109, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor