

Converting Colors

XYZ(23.0379, 19.2697, 28.2544)

Have a look what the booklet for
XYZ(23.0379, 19.2697, 28.2544)
contains.

XYZ(23.0075, 19.2574, 28.0956)	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(23.0075, 19.2574,
28.0956)**

Conversions

Conversions Part 1

Format	Color
Hex	976C8E
RGB	151, 108, 142
RGB Percent	59%, 42%, 56%
CMY	0.4078, 0.5765, 0.4431
CMYK	0.00, 0.28, 0.06, 0.41
HSL	313°, 17%, 51%
HSV	313°, 28%, 59%
XYZ	23.0075, 19.2574, 28.0956
YIQ	124.7330, 14.7140, 19.6900

Conversions

Conversions Part 2

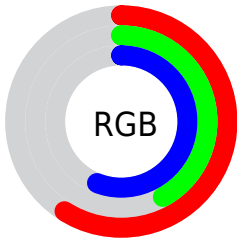
Format	Color
R_{YB}	151, 108, 142
Decimal	9923726
CIE _{Lab}	50.99, 22.87, -11.83
CIE _{LCh}	51, 25.754, 332.648
Yxy	19.2574, 0.3270, 0.2737
Android (android.graphics.Color)	4288113806 (0xFF976C8E)
YUV	124.7330, 8.5126, 23.0362
Hunter-Lab	43.8833, 16.7899, -7.2413

Details

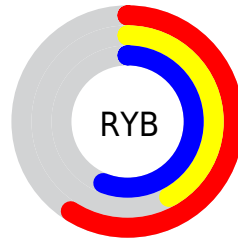
The XYZ color **23.0075, 19.2574, 28.0956** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.4626, 26.6062, 20.8877**, and the grayscale version is **19.3726, 20.3815, 22.1954**.

A 20% lighter version of the original color is **47.9882, 42.2489, 57.8502**, and **8.6932, 6.6571, 10.9520** is the 20% darker color. If you saturate the color by 10%, you get **21.3170, 16.2505, 26.3780**, and if you desaturate by 10%, it is **24.9817, 22.8203, 29.9414**.

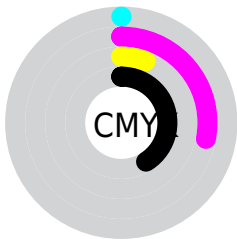
Distribution



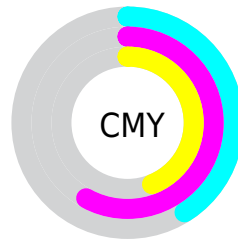
- Red (59%)
- Green (42%)
- Blue (56%)



- Red (59%)
- Yellow (42%)
- Blue (56%)



- Cyan (0%)
- Magenta (28%)
- Yellow (6%)
- Black (41%)



- Cyan (41%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0075, 19.2574, 28.0956 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 23.0075, 19.2574, 28.0956 by changing the saturation by 10% instead.

■ 23.0075, 19.2574,
28.0956

■ 23.0075, 19.2574,
28.0956

260.2981,
247.8661, 306.8497

■ 14.7198, 11.8564,
18.1581

■ 47.8722, 42.1686,
57.6620

■ 8.7080, 6.6460,
10.8929

■ 65.1799, 58.4476,
78.1279

■ 4.6068, 3.2417,
5.8816

■ 86.2250, 78.4547,
102.9404

■ 2.0508, 1.2592,
2.7056

■ 111.3727,
102.5744, 132.5179

■ 0.6623, 0.1093,
0.9462

140.9886,
131.1909, 167.2791

■ 0.0000, 0.0000,
0.0000

175.4379,

164.6888, 207.6424

215.0859,
203.4524, 254.0265

■ 23.0075, 19.2574,
28.0956

■ 23.0075, 19.2574,
28.0956

■ 21.3170, 16.2505,
26.3780

■ 24.9817, 22.8203,
29.9414

■ 19.8942, 13.7687,
24.7823

■ 27.2512, 26.9632,
31.9189

■ 18.7242, 11.7818,
23.3036

■ 29.8288, 31.7115,
34.0329

■ 17.7897, 10.2555,
21.9357

■ 32.7264, 37.0886,
36.2875

■ 17.0714, 9.1512,
20.6721

■ 35.9549, 43.1165,
38.6867

■ 16.5468, 8.4239,
19.5048

■ 39.5249, 49.8161,
41.2342

■ 16.1702, 7.9824,
18.4184

■ 43.4465, 57.2077,
43.9337

■ 16.1161, 7.9208,
18.2565

■ 47.7293, 65.3102,
46.7886

■ 52.3825, 74.1423,
49.8022

Harmonies

Analogous

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



21.0750, 19.2574, 35.1349



23.0075, 19.2574, 28.0956



23.6450, 19.2574, 20.3267

Triad

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



23.0075, 19.2574, 28.0956



18.0782, 19.2574, 9.8456



14.4816, 19.2574, 29.4819

Complementary

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



23.0075, 19.2574, 28.0956



20.4626, 26.6062, 20.8877

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.



13.8340, 19.2574, 21.6227



23.0075, 19.2574, 28.0956



15.7865, 19.2574, 11.2362

Square

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



23.0075, 19.2574, 28.0956



20.6474, 19.2574, 10.8140



14.2889, 19.2574, 15.1610



16.1442, 19.2574, 36.0571

Rectangle

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



23.0075, 19.2574, 28.0956



23.2060, 19.2574, 16.0173



14.2889, 19.2574, 15.1610



14.1454, 19.2574, 26.8463

Sweetspot

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



23.0081, 19.2583, 28.0960



48.4986, 47.7289, 56.9047



18.2318, 16.7147, 31.5438



10.8918, 10.6077, 12.8219



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.



23.0081, 19.2583, 28.0960



39.2669, 31.0324, 48.3804



21.5708, 18.6833, 20.5272



6.4058, 6.3015, 7.5171



13.7208, 6.7425, 15.5865



0.2175, 0.1058, 0.2984

Inverse Universe

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



23.0081, 19.2583, 28.0960



39.2669, 31.0324, 48.3804



21.8463, 27.1597, 28.1742



6.4058, 6.3015, 7.5171



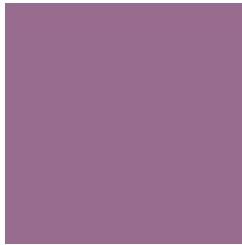
13.7208, 6.7425, 15.5865



0.2175, 0.1058, 0.2984

Previews

White Background



This preview shows how the XYZ color 23.0075, 19.2574, 28.0956 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

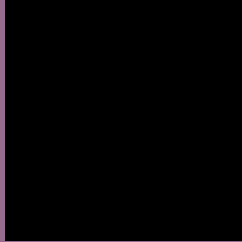
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0075, 19.2574, 28.0956

Background



This preview shows how black text looks on a background with the XYZ color 23.0075, 19.2574, 28.0956.



This preview shows how white text looks on a background with the XYZ color 23.0075, 19.2574,

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

23.0075, 19.2574, 28.0956

Protanopia

19.4935, 19.5539, 32.0250

Deuteranopia

19.7879, 19.4471, 27.5217



Tritanopia

21.4581, 19.2647, 20.6767

Trichromacy



Original Color

23.0075, 19.2574, 28.0956

Protanomaly

20.4928, 19.2181, 30.6464

Deuteranomaly

20.7700, 19.2529, 27.8208

Tritanomaly

22.0413, 19.3434, 23.3408

Monochromacy



Original Color

23.0075, 19.2574, 28.0956

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.5251, 19.9007, 24.2322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0075, 19.2574, 28.0956 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(151, 108, 142)` looks like.

```
.text, #text, p{  
    color:rgb(151, 108, 142)  
}
```

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(151, 108, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 108, 142) }
```

Border

The CSS property to change the border of an element to XYZ 23.0075, 19.2574, 28.0956 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(151, 108, 142) }
```


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

```
.border{ border-color:rgb(151, 108, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 108, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 108, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 108, 142);  
box-shadow:4px 4px 4px 4px rgb(151, 108,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0075, 19.2574, 28.0956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 108, 142) }
```

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

```
.background{ background-color: rgb(151,  
108, 142) }
```

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