

Converting Colors

XYZ(23.8275, 19.4805, 37.1546)

Have a look what the booklet for
XYZ(23.8275, 19.4805, 37.1546)
contains.

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Color

**XYZ(23.8275, 19.4805,
37.1546)**

Conversions

Conversions Part 1

Format	Color
Hex	926CA3
RGB	146, 108, 163
RGB Percent	57%, 42%, 64%
CMY	0.4274, 0.5765, 0.3608
CMYK	0.10, 0.34, 0.00, 0.36
HSL	281°, 23%, 53%
HSV	281°, 34%, 64%
XYZ	23.8275, 19.4805, 37.1546
YIQ	125.6320, 4.9930, 25.1610

Conversions

Conversions Part 2

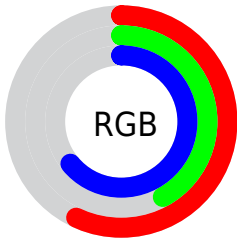
Format	Color
R _Y B	146, 108, 163
Decimal	9596067
CIE Lab	51.24, 25.42, -23.82
CIE LCh	51, 34.838, 316.864
Yxy	19.4805, 0.2961, 0.2421
Android (android.graphics.Color)	4287786147 (0xFF926CA3)
YUV	125.6320, 18.4224, 17.8627
Hunter-Lab	44.1367, 19.1251, -19.0150

Details

The XYZ color **23.8275, 19.4805, 37.1546** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.2621, 31.6376, 19.0162**, and the grayscale version is **19.6453, 20.6684, 22.5079**.

A 20% lighter version of the original color is **49.3131, 42.6211, 71.9573**, and **9.1012, 6.7591, 15.8639** is the 20% darker color. If you saturate the color by 10%, you get **21.3907, 15.9068, 36.5936**, and if you desaturate by 10%, it is **26.6265, 23.7189, 37.8255**.

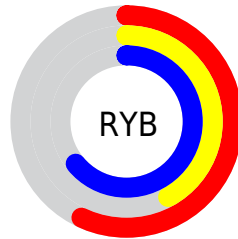
Distribution



Red (57%)

Green (42%)

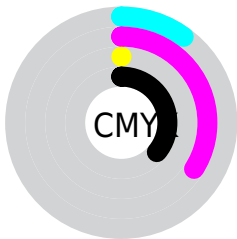
Blue (64%)



Red (57%)

Yellow (42%)

Blue (64%)

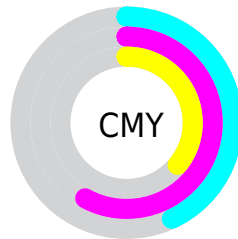


Cyan (10%)

Magenta (34%)

Yellow (0%)

Black (36%)



Cyan (43%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8275, 19.4805, 37.1546 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 23.8275, 19.4805, 37.1546 by changing the saturation by 10% instead.

■ 23.8275, 19.4805,
37.1546

■ 23.8275, 19.4805,
37.1546

264.4039,
249.0887, 349.1682

■ 15.3298, 12.0180,
25.0305

■ 49.2053, 42.5445,
71.9995

■ 9.1390, 6.7559,
15.8805

■ 66.8160, 58.9147,
95.5573

■ 4.8898, 3.3099,
9.2862

■ 88.1952, 79.0230,
123.7635

■ 2.2168, 1.2956,
4.8290

■ 113.7080,
103.2537, 157.0365

■ 0.7516, 0.1378,
2.0903

143.7200,
131.9912, 195.7950

■ 0.0000, 0.0000,
0.6100

178.5964,

■ 0.0000, 0.0000,

165.6200, 240.4574

0.0000

218.7026,
204.5243, 291.4423

■ 23.8275, 19.4805,
37.1546

■ 23.8275, 19.4805,
37.1546

■ 21.3907, 15.9068,
36.5936

■ 26.6265, 23.7189,
37.8255

■ 19.2956, 12.9594,
36.1351

■ 29.8028, 28.6531,
38.6105

■ 17.5227, 10.5992,
35.7729

■ 33.3729, 34.3148,
39.5151

■ 16.0495, 8.7819,
35.4998

■ 37.3518, 40.7333,
40.5443

■ 14.8501, 7.4569,
35.3073

■ 41.7536, 47.9362,
41.7026

■ 13.8939, 6.5633,
35.1852

■ 46.5917, 55.9496,
42.9943

■ 13.3720, 6.1298,
35.1290

■ 51.8790, 64.7984,
44.4237

■ 57.6276, 74.5065,
45.9945

■ 63.8494, 85.0968,
47.7108

Harmonies

Analogous

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



20.5208, 19.4805, 45.2762



23.8275, 19.4805, 37.1546



25.8081, 19.4805, 25.8600

Triad

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



23.8275, 19.4805, 37.1546



20.0748, 19.4805, 7.5077



12.8330, 19.4805, 27.2555

Complementary

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



23.8275, 19.4805, 37.1546



24.2621, 31.6376, 19.0162

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.



12.7452, 19.4805, 17.1554



23.8275, 19.4805, 37.1546



16.6455, 19.4805, 7.6699

Square

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



23.8275, 19.4805, 37.1546



23.4660, 19.4805, 10.0937



14.0584, 19.4805, 10.6394



14.3156, 19.4805, 38.4474

Rectangle

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



23.8275, 19.4805, 37.1546



25.9668, 19.4805, 19.0069



14.0584, 19.4805, 10.6394



12.6465, 19.4805, 23.5792

Sweetspot

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



23.8281, 19.4813, 37.1550



55.5649, 54.7677, 69.6988



20.1825, 20.6063, 37.5643



12.2921, 12.0043, 15.6067



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.8281, 19.4813, 37.1550



39.5518, 30.2863, 65.8174



26.2103, 20.8096, 32.7366



7.1503, 7.0918, 8.8951



10.4404, 4.7887, 27.3038



0.2643, 0.1238, 0.5758

Inverse Universe

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



24.1691, 19.9932, 21.9881



40.4015, 31.4264, 34.1419



22.5572, 30.6930, 21.9019



7.1597, 7.1203, 7.8276



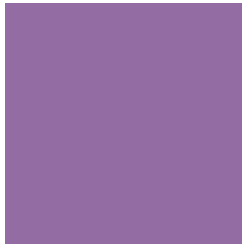
12.2111, 6.2405, 3.0362



0.2769, 0.1392, 0.1707

Previews

White Background



This preview shows how the XYZ color 23.8275, 19.4805, 37.1546 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 23.8275, 19.4805, 37.1546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

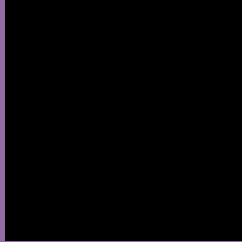
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.8275, 19.4805, 37.1546

Background



This preview shows how black text looks on a background with the XYZ color 23.8275, 19.4805, 37.1546.



This preview shows how white text looks on a background with the XYZ color 23.8275, 19.4805,

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

23.8275, 19.4805, 37.1546

Protanopia

20.3241, 19.7560, 42.2773

Deuteranopia

19.9595, 19.5169, 36.4334



Tritanopia

20.7623, 19.5469, 22.0807

Trichromacy



Original Color

23.8275, 19.4805, 37.1546

Protanomaly

21.2920, 19.4203, 40.1624

Deuteranomaly

21.2244, 19.4594, 36.8198

Tritanomaly

21.7207, 19.4251, 27.0307

Monochromacy



Original Color

23.8275, 19.4805, 37.1546

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.9299, 20.0443, 27.1919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8275, 19.4805, 37.1546 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(146, 108, 163)` looks like.

```
.text, #text, p{  
    color:rgb(146, 108, 163)  
}
```

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(146, 108, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 108, 163) }
```

Border

The CSS property to change the border of an element to XYZ 23.8275, 19.4805, 37.1546 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(146, 108, 163) }
```


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

```
.border{ border-color:rgb(146, 108, 163) }
```

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

Here you see how a box with a 4 pixel rgb(146, 108, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 108, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 108, 163);  
box-shadow:4px 4px 4px 4px rgb(146, 108,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8275, 19.4805, 37.1546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 108, 163) }
```

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

```
.background{ background-color: rgb(146,  
108, 163) }
```

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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