

Converting Colors

XYZ(22.9548, 19.5559, 31.4983)

Have a look what the booklet for
XYZ(22.9548, 19.5559, 31.4983)
contains.

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Color

**XYZ(23.0435, 19.6819,
31.4386)**

Conversions

Conversions Part 1

Format	Color
Hex	926F96
RGB	146, 111, 150
RGB Percent	57%, 44%, 59%
CMY	0.4274, 0.5647, 0.4118
CMYK	0.03, 0.26, 0.00, 0.41
HSL	294°, 16%, 51%
HSV	294°, 26%, 59%
XYZ	23.0435, 19.6819, 31.4386
YIQ	125.9110, 8.3410, 19.5490

Conversions

Conversions Part 2

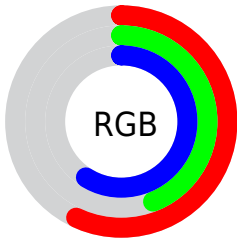
Format	Color
R_{YB}	146, 111, 150
Decimal	9596822
CIE _{Lab}	51.48, 20.93, -15.85
CIE _{LCh}	51, 26.256, 322.861
Yxy	19.6819, 0.3107, 0.2654
Android (android.graphics.Color)	4287786902 (0xFF926F96)
YUV	125.9110, 11.8759, 17.6181
Hunter-Lab	44.3643, 15.0782, -10.9607

Details

The XYZ color **23.0435, 19.6819, 31.4386** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.8465, 26.6057, 19.0766**, and the grayscale version is **19.7605, 20.7895, 22.6398**.

A 20% lighter version of the original color is **47.8157, 42.8334, 62.8742**, and **8.7490, 6.8888, 12.6729** is the 20% darker color. If you saturate the color by 10%, you get **21.2708, 16.5394, 30.9258**, and if you desaturate by 10%, it is **25.0960, 23.3777, 32.0441**.

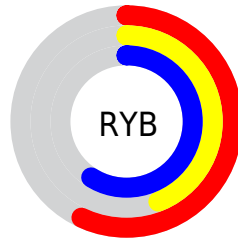
Distribution



Red (57%)

Green (44%)

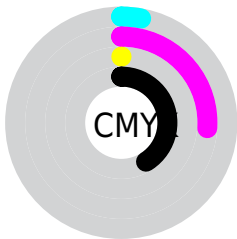
Blue (59%)



Red (57%)

Yellow (44%)

Blue (59%)

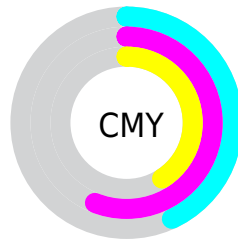


Cyan (3%)

Magenta (26%)

Yellow (0%)

Black (41%)



Cyan (43%)

Magenta (56%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0435, 19.6819, 31.4386 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 23.0435, 19.6819, 31.4386 by changing the saturation by 10% instead.

■ 23.0435, 19.6819,
31.4386

■ 23.0435, 19.6819,
31.4386

260.4795,
250.1878, 322.9674

■ 14.7465, 12.1640,
20.6718

■ 47.9309, 42.8832,
63.0176

■ 8.7268, 6.8555,
12.6954

■ 65.2520, 59.3355,
84.6669

■ 4.6191, 3.3719,
7.0909

■ 86.3118, 79.5346,
110.7807

■ 2.0580, 1.3288,
3.4397

■ 111.4757,
103.8651, 141.7777

■ 0.6662, 0.1634,
1.3233

141.1091,
132.7112, 178.0763

■ 0.0000, 0.0000,
0.0808

175.5773,

■ 0.0000, 0.0000,

166.4575, 220.0951

0.0000

215.2456,
205.4882, 268.2526

■ 23.0435, 19.6819,
31.4386

■ 23.0435, 19.6819,
31.4386

■ 21.2708, 16.5394,
30.9258

■ 25.0960, 23.3777,
32.0441

■ 19.7623, 13.9202,
30.4997

■ 27.4391, 27.6497,
32.7452

■ 18.5036, 11.7954,
30.1559

■ 30.0856, 32.5229,
33.5463

■ 17.4785, 10.1321,
29.8889

■ 33.0466, 38.0196,
34.4512

■ 16.6684, 8.8936,
29.6925

■ 36.3329, 44.1614,
35.4635

■ 16.0521, 8.0374,
29.5598

■ 39.9547, 50.9687,
36.5865

■ 15.5992, 7.5025,
29.4804

■ 43.9218, 58.4608,
37.8236

■ 15.4350, 7.3211,
29.4540

■ 48.2435, 66.6566,
39.1777

■ 52.9288, 75.5739,
40.6520

Harmonies

Analogous

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



20.7452, 19.6819, 37.7737



23.0435, 19.6819, 31.4386



24.1980, 19.6819, 23.2846

Triad

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



23.0435, 19.6819, 31.4386



19.3438, 19.6819, 10.0163



14.4162, 19.6819, 27.5759

Complementary

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



23.0435, 19.6819, 31.4386



20.8465, 26.6057, 19.0766

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.



14.1168, 19.6819, 19.6770



23.0435, 19.6819, 31.4386



16.8070, 19.6819, 10.6478

Square

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



23.0435, 19.6819, 31.4386



21.9357, 19.6819, 11.8196



14.9519, 19.6819, 13.8093



15.8119, 19.6819, 35.2030

Rectangle

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



23.0435, 19.6819, 31.4386



24.0939, 19.6819, 18.3601



14.9519, 19.6819, 13.8093



14.1897, 19.6819, 24.8248

Sweetspot

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



23.0441, 19.6828, 31.4390



47.4859, 47.0787, 57.5056



18.2551, 17.9698, 31.3608



10.3922, 10.1934, 12.7046



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.0441, 19.6828, 31.4390



38.8519, 31.5050, 54.9546



22.6394, 19.6045, 25.5316



5.9773, 5.8793, 7.2895



12.8169, 6.0799, 24.4291



0.1705, 0.0814, 0.2996

Inverse Universe

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



21.3573, 19.0916, 18.7800



35.4086, 30.3064, 28.7496



21.2253, 26.6978, 23.7571



5.8235, 5.8245, 6.1769



10.5118, 5.4098, 0.9100



0.1334, 0.0681, 0.0362

Previews

White Background



This preview shows how the XYZ color 23.0435, 19.6819, 31.4386 looks on a white background.

Color Contrast Check

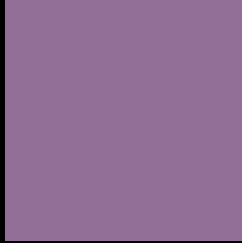
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0435, 19.6819, 31.4386 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 23.0435, 19.6819, 31.4386

Background



This preview shows how black text looks on a background with the XYZ color 23.0435, 19.6819, 31.4386.



This preview shows how white text looks on a background with the XYZ color 23.0435, 19.6819,

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

23.0435, 19.6819, 31.4386

Protanopia

19.9848, 19.9308, 34.6920

Deuteranopia

20.0878, 19.7086, 30.7624



Tritanopia

21.1024, 19.7222, 22.0966

Trichromacy



Original Color

23.0435, 19.6819, 31.4386

Protanomaly

20.9154, 19.7256, 33.2769

Deuteranomaly

21.1462, 19.7178, 31.1252

Tritanomaly

21.6481, 19.5955, 25.1956

Monochromacy



Original Color

23.0435, 19.6819, 31.4386

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.8834, 20.4106, 25.7606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0435, 19.6819, 31.4386 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, 111, 150)` looks like.

```
.text, #text, p{  
    color:rgb(146, 111, 150)  
}
```

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, 111, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 111, 150) }
```

Border

The CSS property to change the border of an element to XYZ 23.0435, 19.6819, 31.4386 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, 111, 150) }
```


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

```
.border{ border-color:rgb(146, 111, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 111, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 111, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 111, 150);  
box-shadow:4px 4px 4px 4px rgb(146, 111,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0435, 19.6819, 31.4386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 111, 150) }
```

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

```
.background{ background-color: rgb(146,  
111, 150) }
```

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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