

Converting Colors

XYZ(23.1147, 15.9427, 26.4227)

Have a look what the booklet for
XYZ(23.1147, 15.9427, 26.4227)
contains.

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Color

**XYZ(23.0633, 15.9431,
26.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	A4538B
RGB	164, 83, 139
RGB Percent	64%, 33%, 55%
CMY	0.3569, 0.6745, 0.4549
CMYK	0.00, 0.49, 0.15, 0.36
HSL	319°, 33%, 48%
HSV	319°, 49%, 64%
XYZ	23.0633, 15.9431, 26.2879
YIQ	113.6030, 30.3000, 34.5880

Conversions

Conversions Part 2

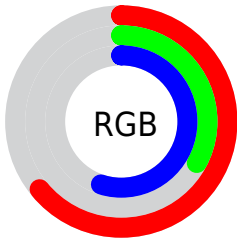
Format	Color
RYB	164, 83, 139
Decimal	10769291
CIELab	46.90, 40.74, -16.09
CIELCh	47, 43.805, 338.453
Yxy	15.9431, 0.3532, 0.2442
Android (android.graphics.Color)	4288959371 (0xFFA4538B)
YUV	113.6030, 12.5207, 44.1982
Hunter-Lab	39.9288, 33.2280, -11.0845

Details

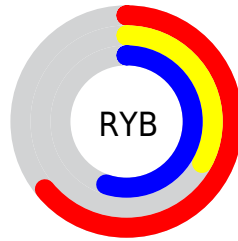
The XYZ color **23.0633, 15.9431, 26.2879** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.5502, 29.4731, 18.8470**, and the grayscale version is **15.8334, 16.6580, 18.1405**.

A 20% lighter version of the original color is **48.1084, 36.5504, 54.9714**, and **8.7501, 5.0693, 9.9685** is the 20% darker color. If you saturate the color by 10%, you get **21.5925, 13.5795, 24.0149**, and if you desaturate by 10%, it is **24.8490, 18.9086, 28.7507**.

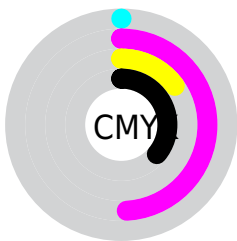
Distribution



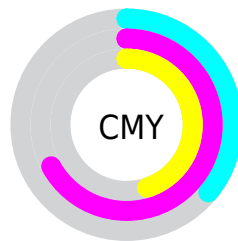
- Red (64%)
- Green (33%)
- Blue (55%)



- Red (64%)
- Yellow (33%)
- Blue (55%)



- Cyan (0%)
- Magenta (49%)
- Yellow (15%)
- Black (36%)



- Cyan (36%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0633, 15.9431, 26.2879 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 23.0633, 15.9431, 26.2879 by changing the saturation by 10% instead.

■ 23.0633, 15.9431,
26.2879

■ 23.0633, 15.9431,
26.2879

260.5792,
229.0057, 297.8428

■ 14.7612, 9.4839,
16.8115

■ 47.9631, 36.4994,
54.7288

■ 8.7372, 5.0581,
9.9396

■ 65.2916, 51.3653,
74.5304

■ 4.6259, 2.2814,
5.2539

■ 86.3595, 69.8022,
98.6107

■ 2.0620, 0.7638,
2.3356

■ 111.5323, 92.1945,
127.3883

■ 0.6684, 0.0000,
0.7511

■ 141.1754,
118.9266, 161.2818

■ 0.0000, 0.0000,
0.0000

175.6539,

150.3829, 200.7097

215.3334,
186.9478, 246.0905

■ 23.0633, 15.9431,
26.2879

■ 23.0633, 15.9431,
26.2879

■ 21.5925, 13.5795,
24.0149

■ 24.8490, 18.9086,
28.7507

■ 20.4136, 11.7730,
21.9224

■ 26.9676, 22.5122,
31.4099

■ 19.5028, 10.4760,
20.0016

■ 29.4373, 26.7900,
34.2728

■ 18.8317, 9.6321,
18.2417

■ 32.2746, 31.7744,
37.3461

■ 18.3405, 9.1222,
16.6216

■ 35.4949, 37.4961,
40.6358

■ 18.3121, 9.0934,
16.5255

■ 39.1127, 43.9837,
44.1480

■ 43.1419, 51.2645,
47.8880

■ 47.5954, 59.3643,
51.8614

■ 52.4858, 68.3076,
56.0733

Harmonies

Analogous

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



20.1954, 15.9431, 39.5933



23.0633, 15.9431, 26.2879



23.6417, 15.9431, 14.4472

Triad

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



23.0633, 15.9431, 26.2879



14.0992, 15.9431, 3.7582



10.0985, 15.9431, 34.0018

Complementary

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



23.0633, 15.9431, 26.2879



19.5502, 29.4731, 18.8470

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.



8.9874, 15.9431, 20.6387



23.0633, 15.9431, 26.2879



11.0293, 15.9431, 5.5473

Square

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



23.0633, 15.9431, 26.2879



18.0143, 15.9431, 4.2239



9.2969, 15.9431, 10.7230



12.6127, 15.9431, 45.1963

Rectangle

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



23.0633, 15.9431, 26.2879



22.5721, 15.9431, 9.1422



9.2969, 15.9431, 10.7230



9.5695, 15.9431, 29.4339

Sweetspot

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



23.0638, 15.9439, 26.2882



55.4653, 52.1841, 64.4540



15.8944, 12.0122, 36.6031



11.9069, 11.0248, 13.8509



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.



23.0638, 15.9439, 26.2882



39.0219, 24.3792, 43.3057



20.6654, 14.9845, 13.6586



7.2708, 7.1648, 8.4124



14.0627, 6.9811, 12.7868



0.3151, 0.1545, 0.3721

Inverse Universe

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



23.0638, 15.9439, 26.2882



39.0219, 24.3792, 43.3057



22.1728, 30.5222, 32.6573



7.2708, 7.1648, 8.4124



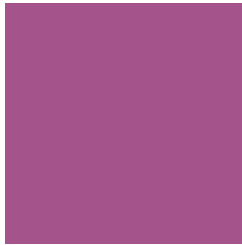
14.0627, 6.9811, 12.7868



0.3151, 0.1545, 0.3721

Previews

White Background



This preview shows how the XYZ color 23.0633, 15.9431, 26.2879 looks on a white background.

Color Contrast Check

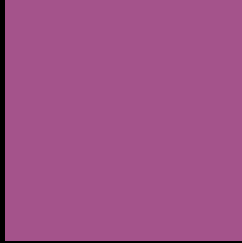
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.0633, 15.9431, 26.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

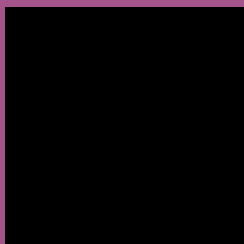
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.0633, 15.9431, 26.2879

Background



This preview shows how black text looks on a background with the XYZ color 23.0633, 15.9431, 26.2879.



This preview shows how white text looks on a background with the XYZ color 23.0633, 15.9431,

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

23.0633, 15.9431, 26.2879

Protanopia

16.6578, 16.1419, 35.0386

Deuteranopia

16.3974, 16.0661, 25.1585



Tritanopia

20.5290, 16.0097, 13.5635

Trichromacy



Original Color

23.0633, 15.9431, 26.2879

Protanomaly

18.1098, 15.4463, 31.7327

Deuteranomaly

18.2070, 15.6377, 25.3513

Tritanomaly

21.2510, 15.9141, 17.5745

Monochromacy



Original Color

23.0633, 15.9431, 26.2879

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.9411, 16.0361, 20.8886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0633, 15.9431, 26.2879 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(164, 83, 139)` looks like.

```
.text, #text, p{  
    color:rgb(164, 83, 139)  
}
```

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(164, 83, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 83, 139) }
```

Border

The CSS property to change the border of an element to XYZ 23.0633, 15.9431, 26.2879 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(164, 83, 139) }
```


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

```
.border{ border-color:rgb(164, 83, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 83, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 83, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 83, 139);  
box-shadow:4px 4px 4px 4px rgb(164, 83,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0633, 15.9431, 26.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 83, 139) }
```

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

```
.background{ background-color: rgb(164, 83,  
139) }
```

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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