

Converting Colors

XYZ(23.4727, 18.0706, 38.3272)

Have a look what the booklet for
XYZ(23.4727, 18.0706, 38.3272)
contains.

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Color

**XYZ(23.4727, 18.0706,
38.3272)**

Conversions

Conversions Part 1

Format	Color
Hex	9364A6
RGB	147, 100, 166
RGB Percent	58%, 39%, 65%
CMY	0.4235, 0.6078, 0.3490
CMYK	0.11, 0.40, 0.00, 0.35
HSL	283°, 27%, 52%
HSV	283°, 40%, 65%
XYZ	23.4727, 18.0706, 38.3272
YIQ	121.5770, 6.8260, 30.4900

Conversions

Conversions Part 2

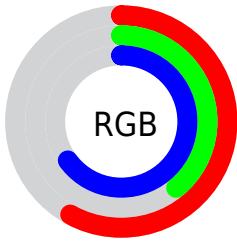
Format	Color
R_{YB}	147, 100, 166
Decimal	9659558
CIE _{Lab}	49.58, 31.02, -28.14
CIE _{LCh}	50, 41.883, 317.783
Yxy	18.0706, 0.2939, 0.2262
Android (android.graphics.Color)	4287849638 (0xFF9364A6)
YUV	121.5770, 21.9005, 22.2960
Hunter-Lab	42.5095, 24.1716, -23.7000

Details

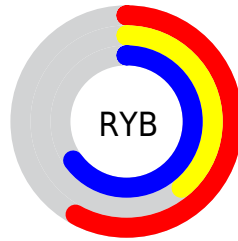
The XYZ color **23.4727, 18.0706, 38.3272** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.5449, 32.1149, 17.0153**, and the grayscale version is **18.2910, 19.2436, 20.9563**.

A 20% lighter version of the original color is **48.6365, 40.2335, 73.6090**, and **8.9846, 6.1038, 16.6242** is the 20% darker color. If you saturate the color by 10%, you get **21.2007, 14.7721, 37.8106**, and if you desaturate by 10%, it is **26.1059, 22.0378, 38.9544**.

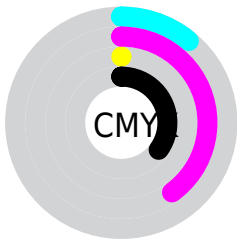
Distribution



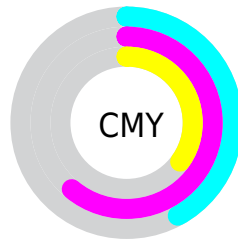
- Red (58%)
- Green (39%)
- Blue (65%)



- Red (58%)
- Yellow (39%)
- Blue (65%)



- Cyan (11%)
- Magenta (40%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (61%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4727, 18.0706, 38.3272 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 23.4727, 18.0706, 38.3272 by changing the saturation by 10% instead.

■ 23.4727, 18.0706,
38.3272

■ 23.4727, 18.0706,
38.3272

262.6339,
241.2687, 354.3617

■ 15.0655, 11.0007,
25.9329

■ 48.6293, 40.1576,
73.8184

■ 8.9520, 6.0673,
16.5482

■ 66.1095, 55.9435,
97.7523

■ 4.7668, 2.8860,
9.7543

■ 87.3447, 75.4034,
126.3699

■ 2.1444, 1.0725,
5.1329

■ 112.7003, 98.9219,
160.0897

■ 0.7132, 0.0000,
2.2654

142.5417,
126.8833, 199.3303

■ 0.0000, 0.0000,
0.7117

177.2342,

■ 0.0000, 0.0000,

159.6719, 244.5101

0.0000

217.1431,
197.6723, 296.0477

■ 23.4727, 18.0706,
38.3272

■ 23.4727, 18.0706,
38.3272

■ 21.2007, 14.7721,
37.8106

■ 26.1059, 22.0378,
38.9544

■ 19.2678, 12.1001,
37.3967

■ 29.1171, 26.7079,
39.6971

■ 17.6523, 10.0111,
37.0786

■ 32.5241, 32.1155,
40.5614

■ 16.3286, 8.4550,
36.8480

■ 36.3431, 38.2923,
41.5523

■ 15.2672, 7.3730,
36.6951

■ 40.5891, 45.2679,
42.6750

14.4032, 6.6365,
36.5985

45.2766, 53.0707,
43.9340

14.3830, 6.6196,
36.5963

50.4192, 61.7273,
45.3338

56.0301, 71.2633,
46.8787

62.1216, 81.7031,
48.5728

Harmonies

Analogous

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



19.6143, 18.0706, 48.7019



23.4727, 18.0706, 38.3272



25.7696, 18.0706, 24.6748

Triad

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



23.4727, 18.0706, 38.3272



18.8423, 18.0706, 5.1092



10.8834, 18.0706, 27.1373

Complementary

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



23.4727, 18.0706, 38.3272



23.5449, 32.1149, 17.0153

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.



10.7424, 18.0706, 15.4022



23.4727, 18.0706, 38.3272



14.9479, 18.0706, 5.3362

Square

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



23.4727, 18.0706, 38.3272



22.8330, 18.0706, 7.5190



12.1193, 18.0706, 8.3376



12.5395, 18.0706, 40.7168

Rectangle

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



23.4727, 18.0706, 38.3272



25.9043, 18.0706, 16.8610



12.1193, 18.0706, 8.3376



10.6676, 18.0706, 22.7877

Sweetspot

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



23.4733, 18.0714, 38.3276



57.4348, 55.7386, 73.2068



18.8317, 18.8482, 38.7222



12.6776, 12.1941, 16.3377



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.4733, 18.0714, 38.3276



38.8090, 27.2818, 68.6957



26.0169, 19.5154, 32.4466



7.6284, 7.5565, 9.4748



11.2010, 5.1578, 28.3807



0.3192, 0.1496, 0.6927

Inverse Universe

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



23.6135, 18.5540, 19.7904



39.3461, 28.4320, 29.2664



21.8843, 31.1790, 20.5475



7.6166, 7.5765, 8.2983



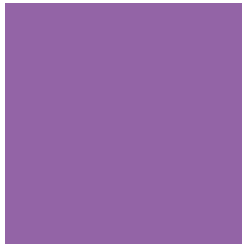
12.6230, 6.4579, 2.8263



0.3289, 0.1658, 0.1833

Previews

White Background



This preview shows how the XYZ color 23.4727, 18.0706, 38.3272 looks on a white background.

Color Contrast Check

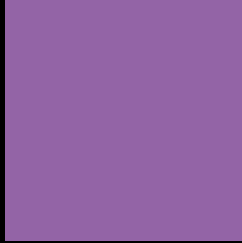
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4727, 18.0706, 38.3272 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 23.4727, 18.0706, 38.3272

Background



This preview shows how black text looks on a background with the XYZ color 23.4727, 18.0706, 38.3272.



This preview shows how white text looks on a background with the XYZ color 23.4727, 18.0706,

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

23.4727, 18.0706, 38.3272

Protanopia

19.2059, 18.2323, 45.1547

Deuteranopia

18.6811, 18.3100, 37.1999



Tritanopia

19.7209, 18.0592, 19.8991

Trichromacy



Original Color

23.4727, 18.0706, 38.3272

Protanomaly

20.2861, 17.8527, 42.4211

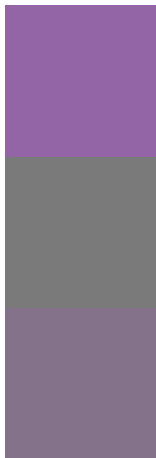
Deuteranomaly

20.1310, 18.0423, 37.5434

Tritanomaly

20.9257, 17.9253, 25.6496

Monochromacy



Original Color

23.4727, 18.0706, 38.3272

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.9648, 18.6949, 26.6010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4727, 18.0706, 38.3272 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(147, 100, 166)` looks like.

```
.text, #text, p{  
    color:rgb(147, 100, 166)  
}
```

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(147, 100, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 100, 166) }
```

Border

The CSS property to change the border of an element to XYZ 23.4727, 18.0706, 38.3272 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(147, 100, 166) }
```


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

```
.border{ border-color:rgb(147, 100, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 100, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 100, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 100, 166);  
box-shadow:4px 4px 4px 4px rgb(147, 100,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4727, 18.0706, 38.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 100, 166) }
```

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

```
.background{ background-color: rgb(147,  
100, 166) }
```

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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