

Converting Colors

XYZ(25.0397, 18.9089, 39.9198)

Have a look what the booklet for
XYZ(25.0397, 18.9089, 39.9198)
contains.

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Color

**XYZ(25.0450, 18.8489,
39.8543)**

Conversions

Conversions Part 1

Format	Color
Hex	9A64A9
RGB	154, 100, 169
RGB Percent	60%, 39%, 66%
CMY	0.3961, 0.6078, 0.3373
CMYK	0.09, 0.41, 0.00, 0.34
HSL	287°, 29%, 53%
HSV	287°, 41%, 66%
XYZ	25.0450, 18.8489, 39.8543
YIQ	124.0120, 10.0350, 32.9070

Conversions

Conversions Part 2

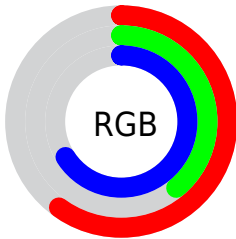
Format	Color
R_{YB}	154, 100, 169
Decimal	10118313
CIE _{Lab}	50.51, 33.87, -28.39
CIE _{LCh}	51, 44.197, 320.027
Yxy	18.8489, 0.2991, 0.2251
Android (android.graphics.Color)	4288308393 (0xFF9A64A9)
YUV	124.0120, 22.1791, 26.2995
Hunter-Lab	43.4153, 26.9945, -24.0362

Details

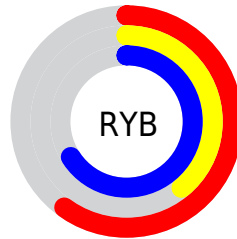
The XYZ color **25.0450, 18.8489, 39.8543** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.5590, 32.9413, 17.1740**, and the grayscale version is **19.0888, 20.0829, 21.8703**.

A 20% lighter version of the original color is **50.9773, 41.3936, 75.8240**, and **9.7615, 6.4187, 17.5541** is the 20% darker color. If you saturate the color by 10%, you get **22.9007, 15.5820, 39.3370**, and if you desaturate by 10%, it is **27.5483, 22.8008, 40.4855**.

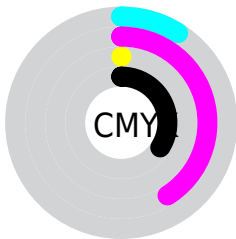
Distribution



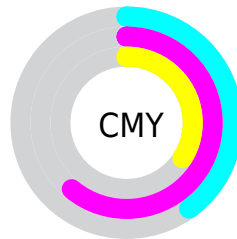
- Red (60%)
- Green (39%)
- Blue (66%)



- Red (60%)
- Yellow (39%)
- Blue (66%)



- Cyan (9%)
- Magenta (41%)
- Yellow (0%)
- Black (34%)





- Cyan (40%)
- Magenta (61%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0450, 18.8489, 39.8543 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 25.0450, 18.8489, 39.8543 by changing the saturation by 10% instead.


 25.0450, 18.8489,
39.8543


 25.0450, 18.8489,
39.8543


270.4055,
245.6133, 361.0429


 16.2395, 11.5611,
27.1120


 51.1726, 41.4786,
76.1763


 9.7857, 6.4456,
17.4242


 69.2254, 57.5894,
100.5930

 5.3183, 3.1179,
10.3723


 91.0913, 77.4099,
129.7384

 2.4719, 1.1936,
5.5376

 117.1357,
101.3247, 164.0309

 0.8811, 0.0565,
2.5018

147.7240,
129.7180, 203.8890

 0.0000, 0.0000,
0.8411

183.2215,

 0.0000, 0.0000,

162.9743, 249.7314

0.0000

223.9935,
201.4779, 301.9765

■ 25.0450, 18.8489,
39.8543

■ 25.0450, 18.8489,
39.8543

■ 22.9007, 15.5820,
39.3370

■ 27.5483, 22.8008,
40.4855

■ 21.0922, 12.9559,
38.9255

■ 30.4278, 27.4738,
41.2357

■ 19.5967, 10.9245,
38.6122

■ 33.7022, 32.9042,
42.1113

■ 18.3875, 9.4348,
38.3884

■ 37.3882, 39.1252,
43.1177

■ 17.4332, 8.4241,
38.2436

■ 41.5015, 46.1678,
44.2603

■ 16.7182, 7.7913,
38.1591

■ 46.0569, 54.0616,
45.5439

■ 51.0686, 62.8345,
46.9731

■ 56.5501, 72.5134,
48.5524

■ 62.5142, 83.1237,
50.2860

Harmonies

Analogous

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



20.9054, 18.8489, 51.8664



25.0450, 18.8489, 39.8543



27.3779, 18.8489, 24.9132

Triad

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



25.0450, 18.8489, 39.8543



19.3889, 18.8489, 4.9008



11.2036, 18.8489, 29.7700

Complementary

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



25.0450, 18.8489, 39.8543



23.5590, 32.9413, 17.1740

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.



10.9310, 18.8489, 16.6819



25.0450, 18.8489, 39.8543



15.2248, 18.8489, 5.3269

Square

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



25.0450, 18.8489, 39.8543



23.7830, 18.8489, 7.1802



12.2861, 18.8489, 8.7415



13.1021, 18.8489, 44.6092

Rectangle

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



25.0450, 18.8489, 39.8543



27.3760, 18.8489, 16.6625



12.2861, 18.8489, 8.7415



10.9320, 18.8489, 24.9386

Sweetspot

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



25.0456, 18.8497, 39.8547



59.5010, 57.4961, 75.1869



18.6746, 18.0885, 40.0436



12.8059, 12.2602, 16.3437



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.



25.0456, 18.8497, 39.8547



41.3520, 28.4117, 70.5296



26.4734, 19.7715, 31.5296



7.6800, 7.5831, 9.4773



12.5064, 5.8307, 28.4418



0.3430, 0.1618, 0.6938

Inverse Universe

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



24.0144, 18.7879, 18.5811



39.4681, 28.4154, 26.4012



22.7379, 32.4033, 22.3212



7.5954, 7.5680, 8.1866



12.4574, 6.3917, 1.9545



0.3210, 0.1627, 0.1418

Previews

White Background



This preview shows how the XYZ color 25.0450, 18.8489, 39.8543 looks on a white background.

Color Contrast Check

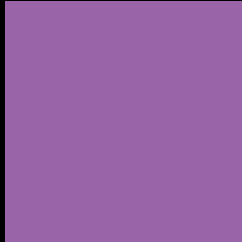
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0450, 18.8489, 39.8543 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 25.0450, 18.8489, 39.8543

Background



This preview shows how black text looks on a background with the XYZ color 25.0450, 18.8489, 39.8543.



This preview shows how white text looks on a background with the XYZ color 25.0450, 18.8489,

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

25.0450, 18.8489, 39.8543

Protanopia

20.0599, 18.9589, 47.9496

Deuteranopia

19.4518, 19.0361, 38.2464



Tritanopia

21.0468, 18.9038, 19.9923

Trichromacy



Original Color

25.0450, 18.8489, 39.8543

Protanomaly

21.2923, 18.4751, 45.0916

Deuteranomaly

20.9893, 18.6266, 38.5654

Tritanomaly

22.3507, 18.8056, 26.1187

Monochromacy



Original Color

25.0450, 18.8489, 39.8543

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.8560, 19.3058, 27.4381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0450, 18.8489, 39.8543 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(154, 100, 169)` looks like.

```
.text, #text, p{  
    color:rgb(154, 100, 169)  
}
```

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(154, 100, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 100, 169) }
```

Border

The CSS property to change the border of an element to XYZ 25.0450, 18.8489, 39.8543 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(154, 100, 169) }
```


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

```
.border{ border-color:rgb(154, 100, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 100, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 100, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 100, 169);  
box-shadow:4px 4px 4px 4px rgb(154, 100,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0450, 18.8489, 39.8543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 100, 169) }
```

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

```
.background{ background-color: rgb(154,  
100, 169) }
```

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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