

Converting Colors

XYZ(25.1496, 21.1531, 39.9505)

Have a look what the booklet for
XYZ(25.1496, 21.1531, 39.9505)
contains.

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Color

**XYZ(25.1178, 21.0648,
39.7879)**

Conversions

Conversions Part 1

Format	Color
Hex	9372A8
RGB	147, 114, 168
RGB Percent	58%, 45%, 66%
CMY	0.4235, 0.5529, 0.3412
CMYK	0.12, 0.32, 0.00, 0.34
HSL	277°, 24%, 55%
HSV	277°, 32%, 66%
XYZ	25.1178, 21.0648, 39.7879
YIQ	130.0230, 2.3340, 23.7900

Conversions

Conversions Part 2

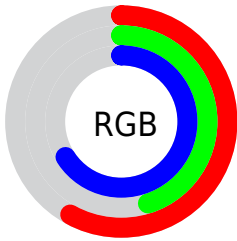
Format	Color
R_{YB}	147, 114, 168
Decimal	9663144
CIE _{Lab}	53.02, 23.36, -23.99
CIE _{LCh}	53, 33.481, 314.243
Yxy	21.0648, 0.2922, 0.2450
Android (android.graphics.Color)	4287853224 (0xFF9372A8)
YUV	130.0230, 18.7227, 14.8888
Hunter-Lab	45.8964, 17.3693, -19.2714

Details

The XYZ color **25.1178, 21.0648, 39.7879** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.0323, 34.3716, 21.1301**, and the grayscale version is **21.1621, 22.2642, 24.2457**.

A 20% lighter version of the original color is **51.3126, 45.1567, 75.8237**, and **9.7620, 7.4744, 17.4512** is the 20% darker color. If you saturate the color by 10%, you get **22.2557, 17.0303, 39.1604**, and if you desaturate by 10%, it is **28.3959, 25.8314, 40.5355**.

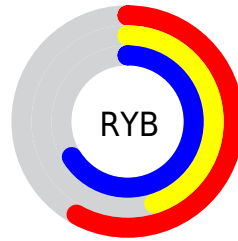
Distribution



Red (58%)

Green (45%)

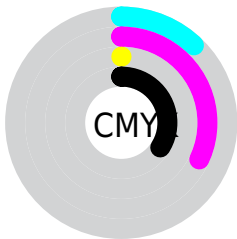
Blue (66%)



Red (58%)

Yellow (45%)

Blue (66%)

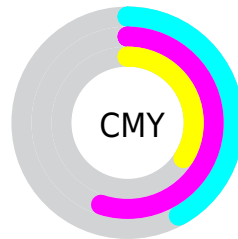


Cyan (12%)

Magenta (32%)

Yellow (0%)

Black (34%)



Cyan (42%)

Magenta (55%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1178, 21.0648, 39.7879 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 25.1178, 21.0648, 39.7879 by changing the saturation by 10% instead.

■ 25.1178, 21.0648,
39.7879

■ 25.1178, 21.0648,
39.7879

270.7609,
257.6227, 360.7543

■ 16.2940, 13.1714,
27.0607

■ 51.2898, 45.1954,
76.0740

■ 9.8246, 7.5467,
17.3860

■ 69.3687, 62.2013,
100.4699

■ 5.3442, 3.8063,
10.3452

■ 91.2634, 83.0135,
129.5925

■ 2.4874, 1.5658,
5.5198

■ 117.3392,
108.0164, 163.8603

■ 0.8889, 0.3344,
2.4914

147.9616,
137.5943, 203.6918

■ 0.0000, 0.0000,
0.8356

183.4957,

■ 0.0000, 0.0000,

172.1318, 249.5057

0.0000

224.3070,
212.0131, 301.7203

■ 25.1178, 21.0648,
39.7879

■ 25.1178, 21.0648,
39.7879

■ 22.2557, 17.0303,
39.1604

■ 28.3959, 25.8314,
40.5355

■ 19.7873, 13.6866,
38.6451

■ 32.1066, 31.3634,
41.4077

■ 17.6913, 10.9922,
38.2354

■ 36.2680, 37.6949,
42.4105

■ 15.9432, 8.8999,
37.9237

■ 40.8967, 44.8574,
43.5490

■ 14.5153, 7.3557,
37.7009

■ 46.0082, 52.8805,
44.8282

■ 13.3746, 6.2959,
37.5565

■ 51.6172, 61.7925,
46.2528

■ 12.6233, 5.6911,
37.4793

■ 57.7381, 71.6202,
47.8271

■ 64.3842, 82.3894,
49.5555

■ 68.2267, 87.4407,
50.3280

Harmonies

Analogous

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



21.7311, 21.0648, 47.2825



25.1178, 21.0648, 39.7879



27.2573, 21.0648, 28.6050

Triad

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



25.1178, 21.0648, 39.7879



21.9138, 21.0648, 8.8939



14.1582, 21.0648, 28.0365

Complementary

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



25.1178, 21.0648, 39.7879



27.0323, 34.3716, 21.1301

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.



14.1949, 21.0648, 18.0703



25.1178, 21.0648, 39.7879



18.4039, 21.0648, 8.8237

Square

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



25.1178, 21.0648, 39.7879



25.2649, 21.0648, 11.9068



15.6658, 21.0648, 11.6748



15.5588, 21.0648, 39.2682

Rectangle

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



25.1178, 21.0648, 39.7879



27.5476, 21.0648, 21.5332



15.6658, 21.0648, 11.6748



14.0085, 21.0648, 24.3984

Sweetspot

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



25.1185, 21.0657, 39.7884



59.6747, 59.0462, 75.4770



22.7560, 23.9013, 40.4602



12.7943, 12.5490, 16.4000



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.



25.1185, 21.0657, 39.7884



41.5787, 32.5618, 71.3187



28.7414, 22.9903, 37.3859



7.5552, 7.5188, 9.4714



9.5911, 4.3279, 28.3053



0.2881, 0.1335, 0.6912

Inverse Universe

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



26.5396, 22.1096, 25.7914



44.7757, 34.8854, 40.9493



24.2966, 32.9248, 22.6544



7.6474, 7.5888, 8.4603



12.9462, 6.5872, 4.5280



0.3402, 0.1703, 0.2428

Previews

White Background



This preview shows how the XYZ color 25.1178, 21.0648, 39.7879 looks on a white background.

Color Contrast Check

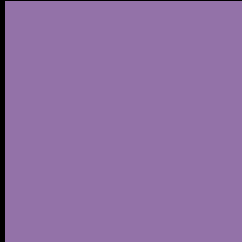
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1178, 21.0648, 39.7879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

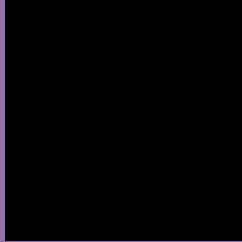
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1178, 21.0648, 39.7879

Background



This preview shows how black text looks on a background with the XYZ color 25.1178, 21.0648, 39.7879.



This preview shows how white text looks on a background with the XYZ color 25.1178, 21.0648,

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

25.1178, 21.0648, 39.7879

Protanopia

21.7256, 21.1813, 44.0176

Deuteranopia

21.6878, 21.2720, 39.0392



Tritanopia

21.9186, 20.9762, 24.3663

Trichromacy



Original Color

25.1178, 21.0648, 39.7879

Protanomaly

22.6924, 20.9770, 42.3881

Deuteranomaly

22.8657, 21.1319, 39.4329

Tritanomaly

22.8402, 20.8101, 29.1985

Monochromacy



Original Color

25.1178, 21.0648, 39.7879

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3950, 21.6632, 29.3866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1178, 21.0648, 39.7879 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, 114, 168)` looks like.

```
.text, #text, p{  
    color:rgb(147, 114, 168)  
}
```

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, 114, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 114, 168) }
```

Border

The CSS property to change the border of an element to XYZ 25.1178, 21.0648, 39.7879 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, 114, 168) }
```


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

```
.border{ border-color:rgb(147, 114, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 114, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 114, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 114, 168);  
box-shadow:4px 4px 4px 4px rgb(147, 114,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1178, 21.0648, 39.7879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 114, 168) }
```

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

```
.background{ background-color: rgb(147,  
114, 168) }
```

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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