

Converting Colors

XYZ(25.0929, 17.8029, 38.8564)

Have a look what the booklet for
XYZ(25.0929, 17.8029, 38.8564)
contains.

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Color

**XYZ(25.1003, 17.8152,
38.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5CA7
RGB	159, 92, 167
RGB Percent	62%, 36%, 65%
CMY	0.3765, 0.6392, 0.3451
CMYK	0.05, 0.45, 0.00, 0.35
HSL	294°, 30%, 51%
HSV	294°, 45%, 65%
XYZ	25.1003, 17.8152, 38.6750
YIQ	120.5830, 15.8570, 37.5290

Conversions

Conversions Part 2

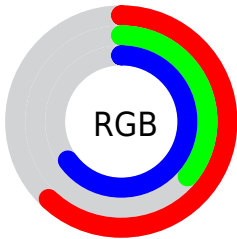
Format	Color
R _Y B	159, 92, 167
Decimal	10443943
CIE _{Lab}	49.27, 39.45, -29.10
CIE _{LCh}	49, 49.020, 323.579
Yxy	17.8152, 0.3076, 0.2183
Android (android.graphics.Color)	4288634023 (0xFF9F5CA7)
YUV	120.5830, 22.8836, 33.6917
Hunter-Lab	42.2081, 32.2863, -24.7814

Details

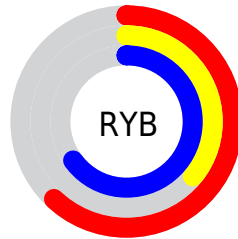
The XYZ color **25.1003, 17.8152, 38.6750** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.0065, 31.1199, 15.0255**, and the grayscale version is **17.9652, 18.9008, 20.5830**.

A 20% lighter version of the original color is **51.1824, 39.6675, 74.0662**, and **9.8663, 5.9579, 16.8496** is the 20% darker color. If you saturate the color by 10%, you get **23.4595, 15.0537, 38.2287**, and if you desaturate by 10%, it is **27.0663, 21.2186, 39.2286**.

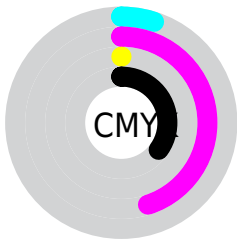
Distribution



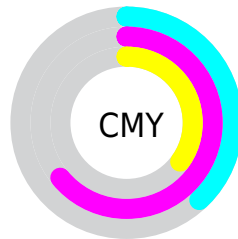
- Red (62%)
- Green (36%)
- Blue (65%)



- Red (62%)
- Yellow (36%)
- Blue (65%)



- Cyan (5%)
- Magenta (45%)
- Yellow (0%)
- Black (35%)





- Cyan (38%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1003, 17.8152, 38.6750 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 25.1003, 17.8152, 38.6750 by changing the saturation by 10% instead.


 25.1003, 17.8152,
38.6750


 25.1003, 17.8152,
38.6750


270.6755,
239.8274, 355.8914


 16.2809, 10.8174,
26.2011


 51.2616, 39.7222,
74.3564


 9.8153, 5.9442,
16.7470


 69.3343, 55.4001,
98.4010

 5.3380, 2.8112,
9.8943


 91.2221, 74.7403,
127.1396

 2.4837, 1.0340,
5.2242

 117.2903, 98.1270,
160.9908

 0.8870, 0.0000,
2.3184

147.9045,
125.9446, 200.3730

 0.0000, 0.0000,
0.7415

183.4298,

 0.0000, 0.0000,

158.5777, 245.7048

0.0000

224.2317,
196.4104, 297.4047

■ 25.1003, 17.8152,
38.6750

■ 25.1003, 17.8152,
38.6750

■ 23.4595, 15.0537,
38.2287

■ 27.0663, 21.2186,
39.2286

■ 22.1208, 12.8894,
37.8815

■ 29.3750, 25.3002,
39.8947

■ 21.0611, 11.2756,
37.6259

■ 32.0447, 30.0961,
40.6797

■ 20.2529, 10.1575,
37.4527

■ 35.0919, 35.6394,
41.5891

■ 19.6627, 9.4677,
37.3506

■ 38.5320, 41.9610,
42.6280

■ 19.4040, 9.1974,
37.3121

■ 42.3798, 49.0902,
43.8012

■ 46.6491, 57.0545,
45.1135

■ 51.3530, 65.8804,
46.5691

■ 56.5042, 75.5930,
48.1723

Harmonies

Analogous

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



20.7259, 17.8152, 53.1390



25.1003, 17.8152, 38.6750



27.3391, 17.8152, 22.3727

Triad

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



25.1003, 17.8152, 38.6750



17.9420, 17.8152, 3.5385



10.0473, 17.8152, 31.4072

Complementary

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



25.1003, 17.8152, 38.6750



21.0065, 31.1199, 15.0255

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.



9.5723, 17.8152, 16.6989



25.1003, 17.8152, 38.6750



13.6333, 17.8152, 4.2062

Square

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



25.1003, 17.8152, 38.6750



22.7501, 17.8152, 5.3145



10.7625, 17.8152, 7.9046



12.2028, 17.8152, 47.7803

Rectangle

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



25.1003, 17.8152, 38.6750



27.0758, 17.8152, 14.0340



10.7625, 17.8152, 7.9046



9.7041, 17.8152, 25.9789

Sweetspot

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



25.1009, 17.8160, 38.6754



58.2547, 55.4660, 73.1109



16.0188, 14.3250, 38.4802



12.7893, 11.9651, 16.2876



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.



25.1009, 17.8160, 38.6754



41.9957, 26.9296, 68.4598



24.3696, 17.7127, 26.2748



7.7619, 7.6254, 9.4811



14.8727, 7.0506, 28.5525



0.3835, 0.1827, 0.6957

Inverse Universe

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



22.0643, 16.7905, 14.1352



36.0051, 24.9453, 18.3017



21.6688, 31.2875, 22.9066



7.5624, 7.5548, 8.0130



12.2865, 6.3233, 1.0544



0.3086, 0.1577, 0.0767

Previews

White Background



This preview shows how the XYZ color 25.1003, 17.8152, 38.6750 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 25.1003, 17.8152, 38.6750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

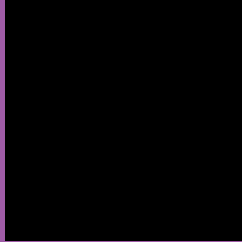
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1003, 17.8152, 38.6750

Background



This preview shows how black text looks on a background with the XYZ color 25.1003, 17.8152, 38.6750.



This preview shows how white text looks on a background with the XYZ color 25.1003, 17.8152,

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

25.1003, 17.8152, 38.6750

Protanopia

19.3080, 18.0308, 48.9170

Deuteranopia

18.4498, 18.0187, 37.1559



Tritanopia

20.8238, 17.7459, 17.6570

Trichromacy



Original Color

25.1003, 17.8152, 38.6750

Protanomaly

20.5968, 17.4831, 44.9368

Deuteranomaly

20.1269, 17.4067, 37.4210

Tritanomaly

22.2396, 17.7488, 24.0835

Monochromacy



Original Color

25.1003, 17.8152, 38.6750

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.1550, 18.1377, 26.4834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1003, 17.8152, 38.6750 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(159, 92, 167)` looks like.

```
.text, #text, p{  
    color:rgb(159, 92, 167)  
}
```

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(159, 92, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 92, 167) }
```

Border

The CSS property to change the border of an element to XYZ 25.1003, 17.8152, 38.6750 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(159, 92, 167) }
```


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

```
.border{ border-color:rgb(159, 92, 167) }
```

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

Here you see how a box with a 4 pixel rgb(159, 92, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 92, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 92, 167);  
box-shadow:4px 4px 4px 4px rgb(159, 92,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1003, 17.8152, 38.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 92, 167) }
```

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

```
.background{ background-color: rgb(159, 92,  
167) }
```

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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