

Converting Colors

XYZ(25.7275, 18.5898, 42.2766)

Have a look what the booklet for
XYZ(25.7275, 18.5898, 42.2766)
contains.

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Color

**XYZ(25.7275, 18.5898,
42.2766)**

Conversions

Conversions Part 1

Format	Color
Hex	9D60AE
RGB	157, 96, 174
RGB Percent	62%, 38%, 68%
CMY	0.3843, 0.6235, 0.3176
CMYK	0.10, 0.45, 0.00, 0.32
HSL	287°, 32%, 53%
HSV	287°, 45%, 68%
XYZ	25.7275, 18.5898, 42.2766
YIQ	123.1310, 11.3180, 37.1900

Conversions

Conversions Part 2

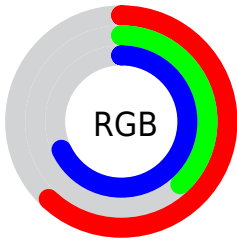
Format	Color
R_{YB}	157, 96, 174
Decimal	10313902
CIE _{Lab}	50.20, 38.08, -31.76
CIE _{LCh}	50, 49.585, 320.165
Yxy	18.5898, 0.2971, 0.2147
Android (android.graphics.Color)	4288503982 (0xFF9D60AE)
YUV	123.1310, 25.0784, 29.7031
Hunter-Lab	43.1159, 31.0592, -27.9547

Details

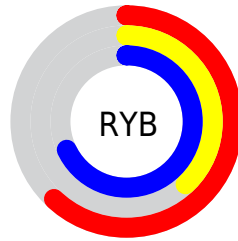
The XYZ color **25.7275, 18.5898, 42.2766** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **24.0579, 34.6277, 16.4829**, and the grayscale version is **18.7877, 19.7662, 21.5253**.

A 20% lighter version of the original color is **52.3134, 41.0391, 80.0270**, and **10.1766, 6.3566, 18.7797** is the 20% darker color. If you saturate the color by 10%, you get **23.5839, 15.3836, 41.7710**, and if you desaturate by 10%, it is **28.2467, 22.5121, 42.9012**.

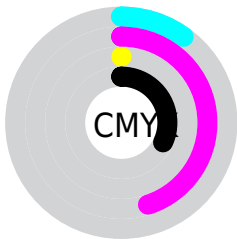
Distribution



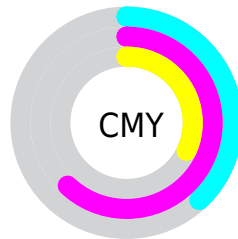
- Red (62%)
- Green (38%)
- Blue (68%)



- Red (62%)
- Yellow (38%)
- Blue (68%)



- Cyan (10%)
- Magenta (45%)
- Yellow (0%)
- Black (32%)



- Cyan (38%)
- Magenta (62%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7275, 18.5898, 42.2766 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 25.7275, 18.5898, 42.2766 by changing the saturation by 10% instead.


 25.7275, 18.5898,
42.2766


 25.7275, 18.5898,
42.2766


273.7231,
244.1748, 371.4617


 16.7515, 11.3743,
28.9907


 52.2695, 41.0398,
79.8927

 10.1517, 6.3192,
18.8283


 70.5661, 57.0430,
105.0600

 5.5627, 3.0401,
11.3707


 92.7004, 76.7443,
135.0249

 2.6191, 1.1527,
6.1995

 119.0376,
100.5280, 170.2059

 0.9557, 0.0226,
2.8960

149.9431,
128.7785, 211.0215

 0.0000, 0.0000,
1.0418

185.7823,

 0.0000, 0.0000,

161.8802, 257.8903

0.0000

226.9205,
200.2175, 311.2309

■ 25.7275, 18.5898,
42.2766

■ 25.7275, 18.5898,
42.2766

■ 23.5839, 15.3836,
41.7710

■ 28.2467, 22.5121,
42.9012

■ 21.7904, 12.8441,
41.3754

■ 31.1610, 27.1908,
43.6507

■ 20.3209, 10.9194,
41.0813

■ 34.4910, 32.6661,
44.5320

■ 19.1451, 9.5488,
40.8787

■ 38.2549, 38.9744,
45.5512

■ 18.2257, 8.6582,
40.7553

■ 42.4703, 46.1501,
46.7141

■ 17.8062, 8.2969,
40.7076

■ 47.1532, 54.2256,
48.0260

■ 52.3193, 63.2314,
49.4921

■ 57.9833, 73.1969,
51.1171

■ 64.1592, 84.1499,
52.9057

Harmonies

Analogous

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



21.0382, 18.5898, 56.4721



25.7275, 18.5898, 42.2766



28.3867, 18.5898, 25.0893

Triad

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



25.7275, 18.5898, 42.2766



19.2894, 18.5898, 3.7877



10.3566, 18.5898, 30.7643

Complementary

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



25.7275, 18.5898, 42.2766



24.0579, 34.6277, 16.4829

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.



10.0589, 18.5898, 16.0616



25.7275, 18.5898, 42.2766



14.6803, 18.5898, 4.2043

Square

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



25.7275, 18.5898, 42.2766



24.2502, 18.5898, 5.9908



11.4980, 18.5898, 7.6096



12.4013, 18.5898, 48.0052

Rectangle

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



25.7275, 18.5898, 42.2766



28.3740, 18.5898, 15.9335



11.4980, 18.5898, 7.6096



10.0652, 18.5898, 25.2627

Sweetspot

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



25.7282, 18.5906, 42.2770



63.5989, 60.9758, 81.0544



18.5044, 17.6233, 42.4710



13.8226, 13.0324, 17.9313



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.7282, 18.5906, 42.2770



42.7324, 27.8366, 75.7576



27.4052, 19.6716, 32.5768



8.1637, 8.0587, 10.0779



12.9666, 6.0444, 29.5278



0.4026, 0.1898, 0.8234

Inverse Universe

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



24.6196, 18.5573, 17.9077



40.7571, 27.9451, 24.7563



23.1596, 34.0390, 22.1183



8.0740, 8.0429, 8.7007



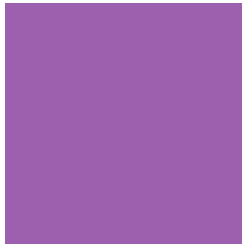
12.9322, 6.6354, 2.0226



0.3796, 0.1925, 0.1608

Previews

White Background



This preview shows how the XYZ color 25.7275, 18.5898, 42.2766 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 25.7275, 18.5898, 42.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

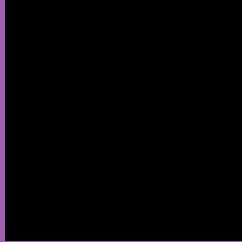
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7275, 18.5898, 42.2766

Background



This preview shows how black text looks on a background with the XYZ color 25.7275, 18.5898, 42.2766.



This preview shows how white text looks on a background with the XYZ color 25.7275, 18.5898,

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

25.7275, 18.5898, 42.2766

Protanopia

20.1901, 18.7525, 52.4246

Deuteranopia

19.3320, 18.9207, 40.6634



Tritanopia

21.0740, 18.6112, 19.3112

Trichromacy



Original Color

25.7275, 18.5898, 42.2766

Protanomaly

21.2958, 18.0849, 48.2673

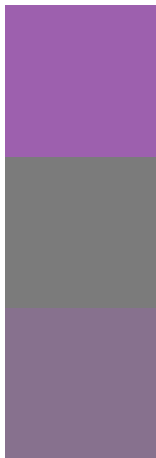
Deuteranomaly

21.0612, 18.4467, 40.9786

Tritanomaly

22.4867, 18.4110, 26.4133

Monochromacy



Original Color

25.7275, 18.5898, 42.2766

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.7793, 18.9141, 28.1468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7275, 18.5898, 42.2766 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(157, 96, 174)` looks like.

```
.text, #text, p{  
    color:rgb(157, 96, 174)  
}
```

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(157, 96, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 96, 174) }
```

Border

The CSS property to change the border of an element to XYZ 25.7275, 18.5898, 42.2766 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(157, 96, 174) }
```


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

```
.border{ border-color:rgb(157, 96, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 96, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 96, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 96, 174);  
box-shadow:4px 4px 4px 4px rgb(157, 96,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7275, 18.5898, 42.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 96, 174) }
```

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

```
.background{ background-color: rgb(157, 96,  
174) }
```

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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