

Converting Colors

XYZ(25.8279, 19.6826, 25.6655)

Have a look what the booklet for
XYZ(25.8279, 19.6826, 25.6655)
contains.

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Color

**XYZ(25.8922, 19.7429,
25.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6588
RGB	171, 101, 136
RGB Percent	67%, 40%, 53%
CMY	0.3294, 0.6039, 0.4667
CMYK	0.00, 0.41, 0.20, 0.33
HSL	330°, 29%, 53%
HSV	330°, 41%, 67%
XYZ	25.8922, 19.7429, 25.7386
YIQ	125.9200, 30.4850, 25.7250

Conversions

Conversions Part 2

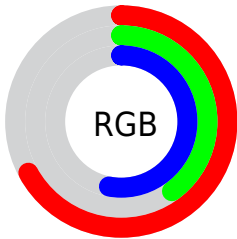
Format	Color
RYB	171, 101, 136
Decimal	11232648
CIELab	51.55, 32.98, -7.21
CIELCh	52, 33.760, 347.677
Yxy	19.7429, 0.3628, 0.2766
Android (android.graphics.Color)	4289422728 (0xFFAB6588)
YUV	125.9200, 4.9694, 39.5352
Hunter-Lab	44.4330, 26.2587, -3.2417

Details

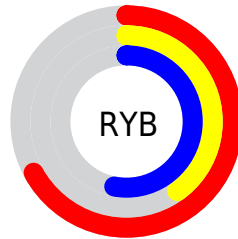
The XYZ color **25.8922, 19.7429, 25.7386** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.3746, 33.6706, 28.5087**, and the grayscale version is **19.7810, 20.8111, 22.6633**.

A 20% lighter version of the original color is **52.5714, 42.9506, 53.6636**, and **10.2438, 6.9098, 9.5979** is the 20% darker color. If you saturate the color by 10%, you get **23.8178, 16.5279, 22.1677**, and if you desaturate by 10%, it is **28.3617, 23.6700, 29.6809**.

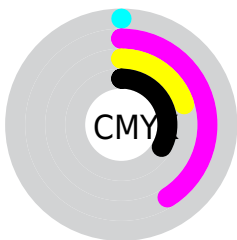
Distribution



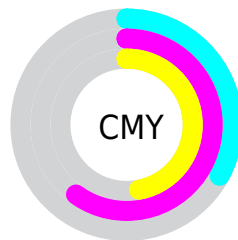
- Red (67%)
- Green (40%)
- Blue (53%)



- Red (67%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (41%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8922, 19.7429, 25.7386 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 25.8922, 19.7429, 25.7386 by changing the saturation by 10% instead.


 25.8922, 19.7429,
25.7386


 25.8922, 19.7429,
25.7386


274.5189,
250.5199, 295.0611


 16.8753, 12.2083,
16.4042


 52.5335, 42.9857,
53.8318


 10.2404, 6.8857,
9.6532


 70.8886, 59.4627,
73.4277

 5.6221, 3.3907,
5.0670

 93.0872, 79.6893,
97.2812

 2.6551, 1.3390,
2.2272

 119.4945,
104.0499, 125.8108

 0.9741, 0.1711,
0.6900

150.4760,
132.9288, 159.4350

 0.0000, 0.0000,
0.0000

186.3970,

166.7105, 198.5725

227.6228,
205.7794, 243.6416

■ 25.8922, 19.7429,
25.7386

■ 25.8922, 19.7429,
25.7386

■ 23.8178, 16.5279,
22.1677

■ 28.3617, 23.6700,
29.6809

■ 22.1140, 13.9786,
18.9537

■ 31.2454, 28.3464,
34.0056

■ 20.7562, 12.0474,
16.0831

■ 34.5631, 33.8098,
38.7248

■ 19.7159, 10.6792,
13.5402

■ 38.3330, 40.0947,
43.8495

■ 18.9595, 9.8088,
11.3076

■ 42.5719, 47.2336,
49.3902

■ 18.4541, 9.3217,
9.5245

■ 47.2959, 55.2570,
55.3572

■ 52.5205, 64.1941,
61.7601

■ 58.2601, 74.0726,
68.6083

■ 64.5289, 84.9192,
75.9109

Harmonies

Analogous

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



24.0171, 19.7429, 36.7011



25.8922, 19.7429, 25.7386



25.6971, 19.7429, 16.3049

Triad

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



25.8922, 19.7429, 25.7386



16.8518, 19.7429, 8.1511



14.7040, 19.7429, 38.4934

Complementary

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



25.8922, 19.7429, 25.7386



24.3746, 33.6706, 28.5087

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.



13.2073, 19.7429, 27.6878



25.8922, 19.7429, 25.7386



14.3406, 19.7429, 11.2061

Square

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



25.8922, 19.7429, 25.7386



20.1930, 19.7429, 7.9166



13.0828, 19.7429, 17.7484



17.4060, 19.7429, 45.4222

Rectangle

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



25.8922, 19.7429, 25.7386



24.4203, 19.7429, 11.9751



13.0828, 19.7429, 17.7484



14.0581, 19.7429, 35.0675

Sweetspot

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



25.8928, 19.7438, 25.7390



61.0960, 59.2190, 68.2326



22.1586, 17.4830, 40.7349



13.4518, 12.9202, 14.9738



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.8928, 19.7438, 25.7390



43.0202, 30.1565, 40.3523



23.7980, 18.9059, 14.7080



8.1660, 8.0796, 9.1847



13.9382, 7.0378, 7.3201



0.4154, 0.2068, 0.3492

Inverse Universe

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



25.8928, 19.7438, 25.7390



43.0202, 30.1565, 40.3523



27.2811, 34.8332, 43.8139



8.1660, 8.0796, 9.1847



13.9382, 7.0378, 7.3201



0.4154, 0.2068, 0.3492

Previews

White Background



This preview shows how the XYZ color 25.8922, 19.7429, 25.7386 looks on a white background.

Color Contrast Check

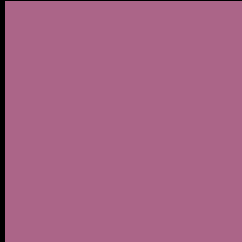
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8922, 19.7429, 25.7386 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 25.8922, 19.7429, 25.7386

Background



This preview shows how black text looks on a background with the XYZ color 25.8922, 19.7429, 25.7386.



This preview shows how white text looks on a background with the XYZ color 25.8922, 19.7429,

25.7386.

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

25.8922, 19.7429, 25.7386

Protanopia

19.8007, 19.9030, 31.6522

Deuteranopia

20.3102, 19.9517, 24.9709



Tritanopia

24.3944, 19.7304, 18.1454

Trichromacy



Original Color

25.8922, 19.7429, 25.7386

Protanomaly

21.4447, 19.3973, 29.4019

Deuteranomaly

22.0623, 19.6425, 25.1828

Tritanomaly

24.9791, 19.8272, 20.5996

Monochromacy



Original Color

25.8922, 19.7429, 25.7386

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.5459, 20.0851, 23.8603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8922, 19.7429, 25.7386 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(171, 101, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 101, 136)  
}
```

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(171, 101, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 101, 136) }
```

Border

The CSS property to change the border of an element to XYZ 25.8922, 19.7429, 25.7386 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(171, 101, 136) }
```


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

```
.border{ border-color:rgb(171, 101, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 101, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 101, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 101, 136);  
box-shadow:4px 4px 4px 4px rgb(171, 101,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8922, 19.7429, 25.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 101, 136) }
```

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

```
.background{ background-color: rgb(171,  
101, 136) }
```

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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