

Converting Colors

XYZ(25.2360, 19.2628, 27.1258)

Have a look what the booklet for
XYZ(25.2360, 19.2628, 27.1258)
contains.

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Color

**XYZ(25.2271, 19.2233,
27.1918)**

Conversions

Conversions Part 1

Format	Color
Hex	A7648C
RGB	167, 100, 140
RGB Percent	65%, 39%, 55%
CMY	0.3451, 0.6078, 0.4510
CMYK	0.00, 0.40, 0.16, 0.35
HSL	324°, 28%, 52%
HSV	324°, 40%, 65%
XYZ	25.2271, 19.2233, 27.1918
YIQ	124.5930, 27.0920, 26.6440

Conversions

Conversions Part 2

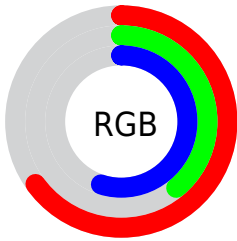
Format	Color
R_{YB}	167, 100, 140
Decimal	10970252
CIE _{Lab}	50.95, 32.76, -10.52
CIE _{LCh}	51, 34.408, 342.196
Yxy	19.2233, 0.3521, 0.2683
Android (android.graphics.Color)	4289160332 (0xFFA7648C)
YUV	124.5930, 7.5957, 37.1909
Hunter-Lab	43.8444, 25.9773, -6.0799

Details

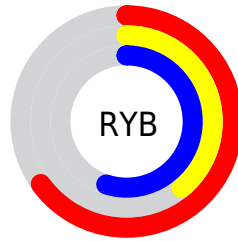
The XYZ color **25.2271, 19.2233, 27.1918** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.9058, 31.8795, 25.0262**, and the grayscale version is **19.3258, 20.3323, 22.1419**.

A 20% lighter version of the original color is **51.3973, 42.0395, 56.4444**, and **9.8393, 6.6165, 10.4314** is the 20% darker color. If you saturate the color by 10%, you get **23.3054, 16.1497, 24.1773**, and if you desaturate by 10%, it is **27.5087, 22.9675, 30.4765**.

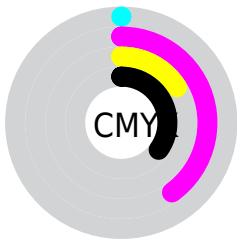
Distribution



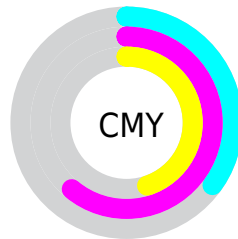
- Red (65%)
- Green (39%)
- Blue (55%)



- Red (65%)
- Yellow (39%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (16%)
- Black (35%)





- Cyan (35%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2271, 19.2233, 27.1918 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 25.2271, 19.2233, 27.1918 by changing the saturation by 10% instead.


 25.2271, 19.2233,
27.1918

 25.2271, 19.2233,
27.1918


271.2939,
247.6787, 302.3741


 16.3760, 11.8317,
17.4836


 51.4656, 42.1111,
56.1990

 9.8831, 6.6292,
10.4143


 69.5838, 58.3761,
76.3350

 5.3832, 3.2313,
5.5653

 91.5216, 78.3677,
100.7841

 2.5109, 1.2537,
2.5181

 117.6445,
102.4703, 129.9648

 0.9007, 0.1049,
0.8497

148.3178,
131.0684, 164.2956

 0.0000, 0.0000,
0.0000

183.9069,

164.5462, 204.1950

224.7771,
203.2882, 250.0817

■ 25.2271, 19.2233,
27.1918

■ 25.2271, 19.2233,
27.1918

■ 23.3054, 16.1497,
24.1773

■ 27.5087, 22.9675,
30.4765

■ 21.7210, 13.7033,
21.4221

■ 30.1674, 27.4167,
34.0390

■ 20.4516, 11.8400,
18.9164

■ 33.2214, 32.6064,
37.8882

■ 19.4711, 10.5087,
16.6485

■ 36.6871, 38.5685,
42.0320

■ 18.7490, 9.6491,
14.6055

■ 40.5802, 45.3335,
46.4780

■ 18.2221, 9.1298,
12.7820

■ 44.9153, 52.9298,
51.2334

■ 49.7063, 61.3848,
56.3052

■ 54.9667, 70.7243,
61.7001

■ 60.7091, 80.9732,
67.4246

Harmonies

Analogous

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



23.0220, 19.2233, 38.0862



25.2271, 19.2233, 27.1918



25.4329, 19.2233, 17.2205

Triad

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



25.2271, 19.2233, 27.1918



16.9250, 19.2233, 7.4483



13.8442, 19.2233, 36.1883

Complementary

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



25.2271, 19.2233, 27.1918



22.9058, 31.8795, 25.0262

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.



12.5985, 19.2233, 25.1393



25.2271, 19.2233, 27.1918



14.2235, 19.2233, 9.9006

Square

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



25.2271, 19.2233, 27.1918



20.3434, 19.2233, 7.6889



12.7281, 19.2233, 15.7133



16.3447, 19.2233, 44.2889

Rectangle

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



25.2271, 19.2233, 27.1918



24.3788, 19.2233, 12.4579



12.7281, 19.2233, 15.7133



13.2797, 19.2233, 32.5719

Sweetspot

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



25.2277, 19.2242, 27.1922



58.2883, 56.3310, 66.3641



20.2557, 16.4021, 38.6577



12.8878, 12.3399, 14.6568



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.



25.2277, 19.2242, 27.1922



42.1342, 29.5472, 43.9480



23.1323, 18.3860, 16.1581



7.7120, 7.6147, 8.8005



13.9684, 6.9961, 9.9110



0.3642, 0.1799, 0.3691

Inverse Universe

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



25.2277, 19.2242, 27.1922



42.1342, 29.5472, 43.9480



25.4463, 32.8957, 38.4041



7.7120, 7.6147, 8.8005



13.9684, 6.9961, 9.9110



0.3642, 0.1799, 0.3691

Previews

White Background



This preview shows how the XYZ color 25.2271, 19.2233, 27.1918 looks on a white background.

Color Contrast Check

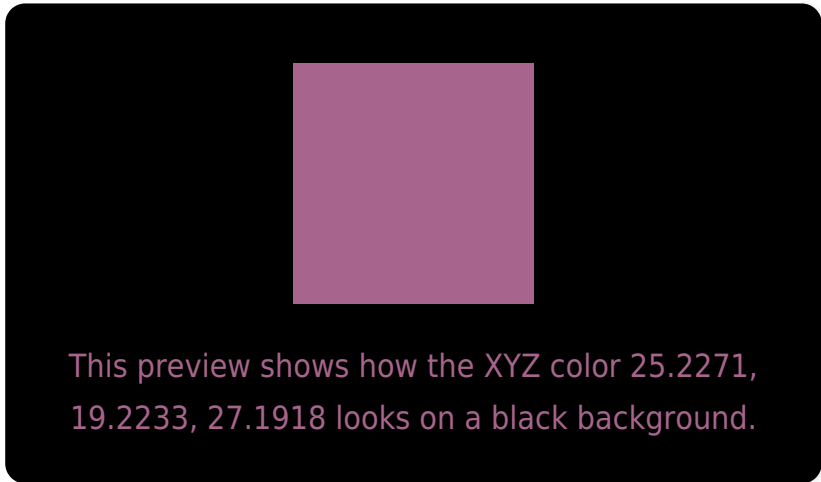
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 25.2271, 19.2233, 27.1918

Background



This preview shows how black text looks on a background with the XYZ color 25.2271, 19.2233, 27.1918.



This preview shows how white text looks on a background with the XYZ color 25.2271, 19.2233,

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

25.2271, 19.2233, 27.1918

Protanopia

19.3593, 19.2767, 33.2723

Deuteranopia

19.8646, 19.5118, 26.3861



Tritanopia

23.3421, 19.1879, 18.0962

Trichromacy



Original Color

25.2271, 19.2233, 27.1918

Protanomaly

21.0028, 18.9667, 30.9877

Deuteranomaly

21.5369, 19.1741, 26.6106

Tritanomaly

23.9424, 19.1299, 21.1694

Monochromacy



Original Color

25.2271, 19.2233, 27.1918

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.0899, 19.6779, 23.8058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2271, 19.2233, 27.1918 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(167, 100, 140)` looks like.

```
.text, #text, p{  
    color:rgb(167, 100, 140)  
}
```

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(167, 100, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 100, 140) }
```

Border

The CSS property to change the border of an element to XYZ 25.2271, 19.2233, 27.1918 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(167, 100, 140) }
```


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

```
.border{ border-color:rgb(167, 100, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 100, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 100, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 100, 140);  
box-shadow:4px 4px 4px 4px rgb(167, 100,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2271, 19.2233, 27.1918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 100, 140) }
```

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

```
.background{ background-color: rgb(167,  
100, 140) }
```

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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