

Converting Colors

XYZ(25.1422, 19.6804, 21.2161)

Have a look what the booklet for
XYZ(25.1422, 19.6804, 21.2161)
contains.

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Color

**XYZ(25.2200, 19.7885,
21.2292)**

Conversions

Conversions Part 1

Format	Color
Hex	AB677B
RGB	171, 103, 123
RGB Percent	67%, 40%, 48%
CMY	0.3294, 0.5961, 0.5176
CMYK	0.00, 0.40, 0.28, 0.33
HSL	342°, 29%, 54%
HSV	342°, 40%, 67%
XYZ	25.2200, 19.7885, 21.2292
YIQ	125.6120, 34.1080, 20.6360

Conversions

Conversions Part 2

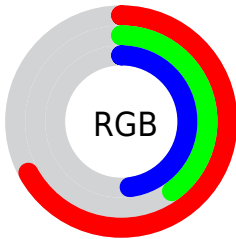
Format	Color
R_{YB}	171, 103, 123
Decimal	11233147
CIE _{Lab}	51.60, 29.93, 0.57
CIE _{LCh}	52, 29.934, 1.100
Yxy	19.7885, 0.3807, 0.2987
Android (android.graphics.Color)	4289423227 (0xFFAB677B)
YUV	125.6120, -1.2877, 39.8053
Hunter-Lab	44.4843, 23.3517, 2.8441

Details

The XYZ color **25.2200, 19.7885, 21.2292** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7433, 34.2443, 34.5330**, and the grayscale version is **19.6962, 20.7220, 22.5662**.

A 20% lighter version of the original color is **51.4541, 43.0318, 46.1515**, and **9.8913, 6.9147, 7.2919** is the 20% darker color. If you saturate the color by 10%, you get **22.9802, 16.4445, 16.9815**, and if you desaturate by 10%, it is **27.9020, 23.8674, 26.0845**.

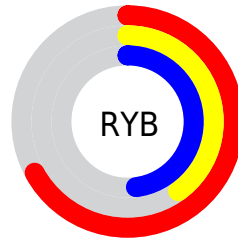
Distribution



Red (67%)

Green (40%)

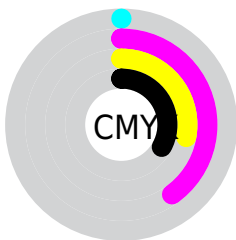
Blue (48%)



Red (67%)

Yellow (40%)

Blue (48%)

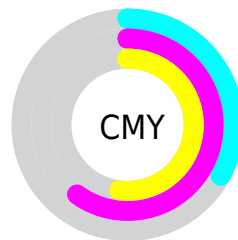


Cyan (0%)

Magenta (40%)

Yellow (28%)

Black (33%)



Cyan (33%)


Magenta (60%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2200, 19.7885, 21.2292 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 25.2200, 19.7885, 21.2292 by changing the saturation by 10% instead.


 25.2200, 19.7885,
21.2292


 25.2200, 19.7885,
21.2292


271.2593,
250.7678, 271.3150


 16.3706, 12.2414,
13.0988

 51.4542, 43.0623,
46.3544


 9.8793, 6.9083,
7.3651


 69.5698, 59.5578,
64.1863

 5.3807, 3.4048,
3.6096

 91.5048, 79.8049,
86.0890

 2.5093, 1.3466,
1.4137

 117.6247,
104.1879, 112.4812

 0.9000, 0.1768,
0.1524

148.2947,
133.0914, 143.7813

 0.0000, 0.0000,
0.0000

183.8802,

166.8996, 180.4080

224.7466,
205.9969, 222.7797

■ 25.2200, 19.7885,
21.2292

■ 25.2200, 19.7885,
21.2292

■ 22.9802, 16.4445,
16.9815

■ 27.9020, 23.8674,
26.0845

■ 21.1561, 13.7883,
13.3152

■ 31.0471, 28.7186,
31.5696

■ 19.7211, 11.7723,
10.2041

■ 34.6773, 34.3805,
37.7070


■ 18.6444, 10.3410,
7.6190


■ 38.8121, 40.8881,
44.5176


■ 17.8903, 9.4296,
5.5278


■ 43.4704, 48.2742,
52.0216


 17.3872, 8.9020,
3.8847

 48.6698, 56.5701,
60.2380

 17.3766, 8.8907,
3.8505

 54.4272, 65.8052,
69.1853

 60.7588, 76.0079,
78.8813

 67.0694, 85.9838,
89.1394

Harmonies

Analogous

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



24.3536, 19.7885, 30.6070



25.2200, 19.7885, 21.2292



24.2216, 19.7885, 14.0582

Triad

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



25.2200, 19.7885, 21.2292



15.9702, 19.7885, 10.2277



16.1436, 19.7885, 39.5940

Complementary

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



25.2200, 19.7885, 21.2292



25.7433, 34.2443, 34.5330

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.



14.2685, 19.7885, 31.3098



25.2200, 19.7885, 21.2292



14.1761, 19.7885, 14.4775

Square

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



25.2200, 19.7885, 21.2292



18.6973, 19.7885, 8.8450



13.5874, 19.7885, 21.8666



18.9199, 19.7885, 42.7727

Rectangle

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



25.2200, 19.7885, 21.2292



22.6886, 19.7885, 11.0364



13.5874, 19.7885, 21.8666



15.3979, 19.7885, 37.2214

Sweetspot

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



25.2206, 19.7895, 21.2296



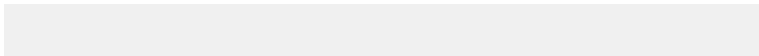
60.4308, 58.9529, 64.7295



24.8901, 19.1830, 40.9190



13.2899, 12.8555, 14.1214



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.



25.2206, 19.7895, 21.2296



41.4916, 29.9466, 31.0648



25.5583, 22.2678, 15.7842



8.0985, 8.0527, 8.8297



13.1199, 6.7105, 3.0108



0.3892, 0.1964, 0.2112

Inverse Universe

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



25.2206, 19.7895, 21.2296



41.4916, 29.9466, 31.0648



25.0697, 30.0740, 43.0118



8.0985, 8.0527, 8.8297



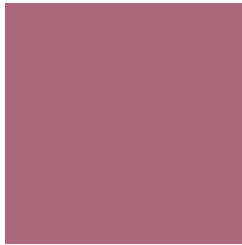
13.1199, 6.7105, 3.0108



0.3892, 0.1964, 0.2112

Previews

White Background



This preview shows how the XYZ color 25.2200, 19.7885, 21.2292 looks on a white background.

Color Contrast Check

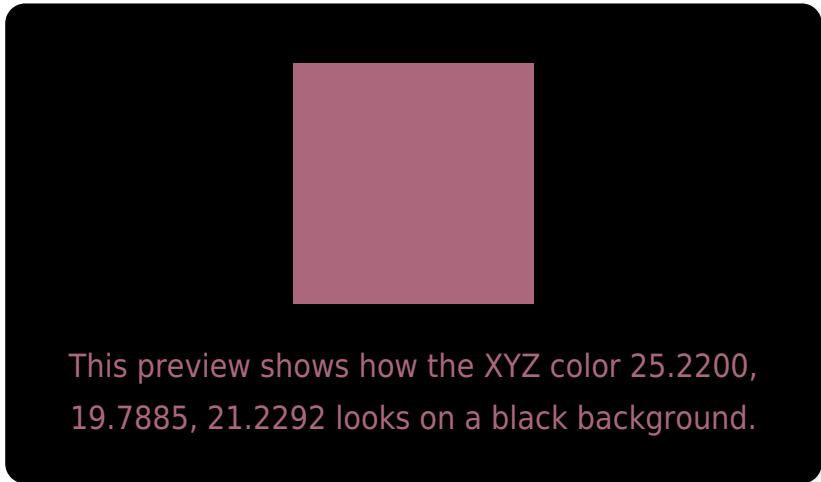
Large Text (above 18pt) WCAG AA ✓ Pass

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

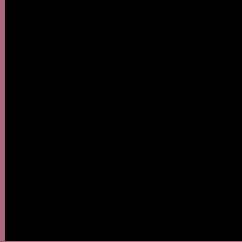
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2200, 19.7885, 21.2292

Background



This preview shows how black text looks on a background with the XYZ color 25.2200, 19.7885, 21.2292.



This preview shows how white text looks on a background with the XYZ color 25.2200, 19.7885,

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

25.2200, 19.7885, 21.2292

Protanopia

19.4822, 20.0528, 25.7654

Deuteranopia

20.1403, 19.7840, 20.5265



Tritanopia

24.6098, 19.8415, 18.1555

Trichromacy



Original Color

25.2200, 19.7885, 21.2292

Protanomaly

21.1573, 19.7049, 24.1610

Deuteranomaly

21.7507, 19.5803, 20.7221

Tritanomaly

24.7388, 19.7310, 19.3342

Monochromacy



Original Color

25.2200, 19.7885, 21.2292

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.3354, 20.1883, 22.1743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2200, 19.7885, 21.2292 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, 103, 123)` looks like.

```
.text, #text, p{  
    color:rgb(171, 103, 123)  
}
```

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, 103, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 103, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.2200, 19.7885, 21.2292 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, 103, 123) }
```


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

```
.border{ border-color:rgb(171, 103, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 103, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 103, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 103, 123);  
box-shadow:4px 4px 4px 4px rgb(171, 103,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2200, 19.7885, 21.2292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 103, 123) }
```

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

```
.background{ background-color: rgb(171,  
103, 123) }
```

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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