

Converting Colors

XYZ(28.1866, 22.0023, 24.9516)

Have a look what the booklet for
XYZ(28.1866, 22.0023, 24.9516)
contains.

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Color

**XYZ(28.1866, 22.0023,
24.9516)**

Conversions

Conversions Part 1

Format	Color
Hex	B36C85
RGB	179, 108, 133
RGB Percent	70%, 42%, 52%
CMY	0.2980, 0.5765, 0.4784
CMYK	0.00, 0.40, 0.26, 0.30
HSL	339°, 32%, 56%
HSV	339°, 40%, 70%
XYZ	28.1866, 22.0023, 24.9516
YIQ	132.0790, 34.2910, 22.8270

Conversions

Conversions Part 2

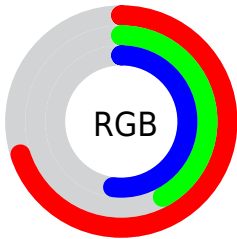
Format	Color
R_{YB}	179, 108, 133
Decimal	11758725
CIE _{Lab}	54.03, 31.58, -1.65
CIE _{LCh}	54, 31.622, 357.011
Yxy	22.0023, 0.3751, 0.2928
Android (android.graphics.Color)	4289948805 (0xFFB36C85)
YUV	132.0790, 0.4541, 41.1497
Hunter-Lab	46.9066, 25.1757, 1.2958

Details

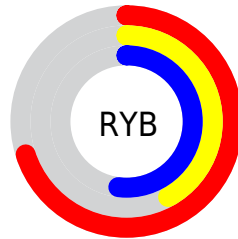
The XYZ color **28.1866, 22.0023, 24.9516** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.1382, 37.7620, 36.3795**, and the grayscale version is **21.9510, 23.0941, 25.1495**.

A 20% lighter version of the original color is **56.1999, 46.8678, 52.5387**, and **11.4255, 7.9513, 9.3201** is the 20% darker color. If you saturate the color by 10%, you get **25.7314, 18.3041, 20.3959**, and if you desaturate by 10%, it is **31.1191, 26.5131, 30.1035**.

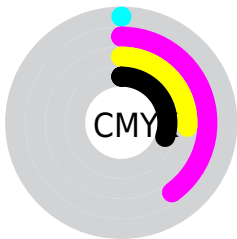
Distribution



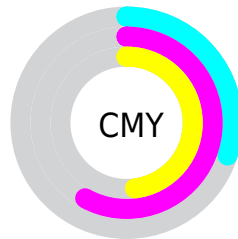
- Red (70%)
- Green (42%)
- Blue (52%)



- Red (70%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (30%)





- Cyan (30%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1866, 22.0023, 24.9516 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 28.1866, 22.0023, 24.9516 by changing the saturation by 10% instead.


 28.1866, 22.0023,
24.9516


 28.1866, 22.0023,
24.9516


285.4214,
262.5583, 291.0368

 18.6075, 13.8586,
15.8223


 56.1888, 46.7498,
52.5418


 11.4894, 8.0224,
9.2455


 75.3426, 64.1224,
71.8399

 6.4667, 4.1093,
4.8027


 98.4188, 85.3400,
95.3646

 3.1742, 1.7349,
2.0752

 125.7825,
110.7872, 123.5344

 1.2466, 0.4461,
0.6010

157.7994,
140.8482, 156.7681

 0.1427, 0.0000,
0.0000

194.8345,

 0.0000, 0.0000,

175.9074, 195.4840

0.0000

237.2534,
216.3493, 240.1007

■ 28.1866, 22.0023,
24.9516

■ 28.1866, 22.0023,
24.9516

■ 25.7314, 18.3041,
20.3959

■ 31.1191, 26.5131,
30.1035

■ 23.7250, 15.3665,
16.4119

■ 34.5516, 31.8782,
35.8718

■ 22.1383, 13.1363,
12.9754


■ 38.5076, 38.1400,
42.2775


■ 20.9380, 11.5519,
10.0596


■ 43.0085, 45.3375,
49.3402

■ 20.0854, 10.5410,
7.6347


■ 48.0744, 53.5071,
57.0785


 19.5058, 9.9604,
5.6580

 53.7245, 62.6833,
65.5101

 19.4883, 9.9429,
5.5979

 59.9771, 72.8989,
74.6523

 66.8494, 84.1853,
84.5217

 69.6923, 87.2405,
93.5789

Harmonies

Analogous

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



26.9239, 22.0023, 35.7362



28.1866, 22.0023, 24.9516



27.3315, 22.0023, 16.3845

Triad

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



28.1866, 22.0023, 24.9516



18.0673, 22.0023, 10.7957



17.5343, 22.0023, 43.4673

Complementary

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



28.1866, 22.0023, 24.9516



28.1382, 37.7620, 36.3795

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.



15.5866, 22.0023, 33.5627



28.1866, 22.0023, 24.9516



15.8700, 22.0023, 15.1002

Square

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



28.1866, 22.0023, 24.9516



21.2571, 22.0023, 9.6472



15.0118, 22.0023, 22.9887



20.5717, 22.0023, 48.0990

Rectangle

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



28.1866, 22.0023, 24.9516



25.7217, 22.0023, 12.6574



15.0118, 22.0023, 22.9887



16.7436, 22.0023, 40.5317

Sweetspot

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



28.1872, 22.0034, 24.9520



67.0750, 65.3024, 72.6931



26.6307, 20.7501, 45.2495



14.6543, 14.1408, 15.7734



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.1872, 22.0034, 24.9520



46.4266, 33.2918, 37.1826



27.7138, 23.4991, 17.2638



8.6158, 8.5530, 9.4753



13.7996, 7.0374, 4.1048



0.4625, 0.2328, 0.2784

Inverse Universe

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



28.1872, 22.0034, 24.9520



46.4266, 33.2918, 37.1826



28.6092, 35.0182, 47.8993



8.6158, 8.5530, 9.4753



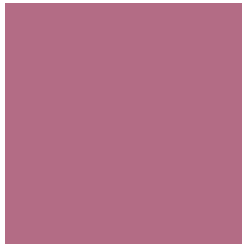
13.7996, 7.0374, 4.1048



0.4625, 0.2328, 0.2784

Previews

White Background



This preview shows how the XYZ color 28.1866, 22.0023, 24.9516 looks on a white background.

Color Contrast Check

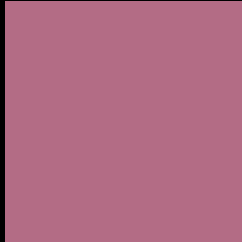
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1866, 22.0023, 24.9516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

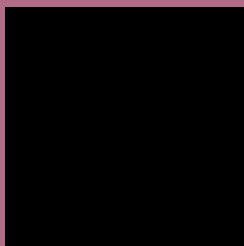
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1866, 22.0023, 24.9516

Background



This preview shows how black text looks on a background with the XYZ color 28.1866, 22.0023, 24.9516.



This preview shows how white text looks on a background with the XYZ color 28.1866, 22.0023,

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

28.1866, 22.0023, 24.9516

Protanopia

21.7910, 22.2879, 30.3476

Deuteranopia

22.5182, 22.0297, 24.1844



Tritanopia

27.3743, 22.1658, 20.2884

Trichromacy



Original Color

28.1866, 22.0023, 24.9516

Protanomaly

23.4992, 21.7088, 28.1510

Deuteranomaly

24.2111, 21.8009, 24.4047

Tritanomaly

27.5741, 22.0721, 21.8758

Monochromacy



Original Color

28.1866, 22.0023, 24.9516

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.6422, 22.2214, 24.8729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1866, 22.0023, 24.9516 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(179, 108, 133)` looks like.

```
.text, #text, p{  
    color:rgb(179, 108, 133)  
}
```

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(179, 108, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 108, 133) }
```

Border

The CSS property to change the border of an element to XYZ 28.1866, 22.0023, 24.9516 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(179, 108, 133) }
```


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

```
.border{ border-color:rgb(179, 108, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 108, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 108, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 108, 133);  
box-shadow:4px 4px 4px 4px rgb(179, 108,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1866, 22.0023, 24.9516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 108, 133) }
```

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

```
.background{ background-color: rgb(179,  
108, 133) }
```

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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