

Converting Colors

XYZ(28.8741, 22.3549, 26.3312)

Have a look what the booklet for
XYZ(28.8741, 22.3549, 26.3312)
contains.

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Color

**XYZ(28.9340, 22.3550,
26.4569)**

Conversions

Conversions Part 1

Format	Color
Hex	B56C89
RGB	181, 108, 137
RGB Percent	71%, 42%, 54%
CMY	0.2902, 0.5765, 0.4627
CMYK	0.00, 0.40, 0.24, 0.29
HSL	336°, 33%, 57%
HSV	336°, 40%, 71%
XYZ	28.9340, 22.3550, 26.4569
YIQ	133.1330, 34.1990, 24.4950

Conversions

Conversions Part 2

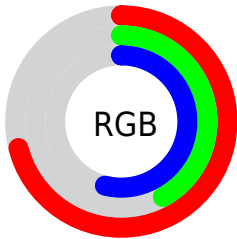
Format	Color
R_{YB}	181, 108, 137
Decimal	11889801
CIE _{Lab}	54.40, 32.90, -3.42
CIE _{LCh}	54, 33.073, 354.064
Yxy	22.3550, 0.3722, 0.2875
Android (android.graphics.Color)	4290079881 (0xFFB56C89)
YUV	133.1330, 1.9064, 41.9794
Hunter-Lab	47.2811, 26.4925, -0.0799

Details

The XYZ color **28.9340, 22.3550, 26.4569** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **28.3767, 38.5035, 35.6439**, and the grayscale version is **22.3279, 23.4907, 25.5813**.

A 20% lighter version of the original color is **57.2990, 47.3846, 54.8413**, and **11.8375, 8.1499, 9.9660** is the 20% darker color. If you saturate the color by 10%, you get **26.4760, 18.6287, 21.9696**, and if you desaturate by 10%, it is **31.8687, 26.9076, 31.4941**.

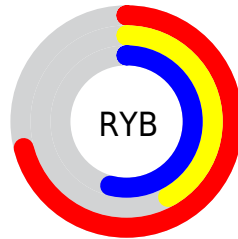
Distribution



Red (71%)

Green (42%)

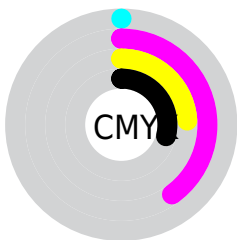
Blue (54%)



Red (71%)

Yellow (42%)

Blue (54%)

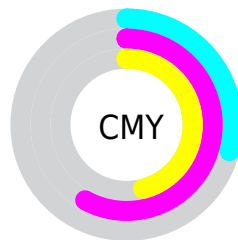


Cyan (0%)

Magenta (40%)

Yellow (24%)

Black (29%)



Cyan (29%)

Magenta (58%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9340, 22.3550, 26.4569 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 28.9340, 22.3550, 26.4569 by changing the saturation by 10% instead.

■ 28.9340, 22.3550,
26.4569

■ 28.9340, 22.3550,
26.4569

288.9032,
264.3946, 298.6944

■ 19.1749, 14.1180,
16.9369

■ 57.3705, 47.3320,
55.0042

■ 11.9015, 8.2028,
10.0281

■ 76.7786, 64.8408,
74.8687

■ 6.7484, 4.2250,
5.3117

■ 100.1338, 86.2090,
99.0184

■ 3.3502, 1.8002,
2.3694

■ 127.8014,
111.8210, 127.8718

■ 1.3415, 0.4873,
0.7697

160.1468,
142.0612, 161.8476

■ 0.2140, 0.0000,
0.0000

197.5354,

■ 0.0000, 0.0000,

177.3139, 201.3643

0.0000

240.3324,
217.9636, 246.8403

■ 28.9340, 22.3550,
26.4569

■ 28.9340, 22.3550,
26.4569

■ 26.4760, 18.6287,
21.9696

■ 31.8687, 26.9076,
31.4941

■ 24.4658, 15.6753,
18.0103

■ 35.3030, 32.3294,
37.0991

■ 22.8741, 13.4397,
14.5573


■ 39.2605, 38.6641,
43.2907


■ 21.6669, 11.8585,
11.5867


■ 43.7630, 45.9515,
50.0864

■ 20.8047, 10.8566,
9.0717


■ 48.8307, 54.2291,
57.5027

 20.2226, 10.2904,
7.0340

 54.4827, 63.5322,
65.5556

 60.7376, 73.8947,
74.2604

 67.6128, 85.3484,
83.6320

 69.8394, 87.3531,
91.9228

Harmonies

Analogous

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



27.3838, 22.3550, 37.9845



28.9340, 22.3550, 26.4569



28.2435, 22.3550, 17.0957

Triad

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



28.9340, 22.3550, 26.4569



18.5389, 22.3550, 10.3185



17.4258, 22.3550, 44.2661

Complementary

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



28.9340, 22.3550, 26.4569



28.3767, 38.5035, 35.6439

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.



15.5146, 22.3550, 33.3886



28.9340, 22.3550, 26.4569



16.1045, 22.3550, 14.4316

Square

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



28.9340, 22.3550, 26.4569



21.9743, 22.3550, 9.4296



15.0597, 22.3550, 22.3406



20.5374, 22.3550, 49.9786

Rectangle

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



28.9340, 22.3550, 26.4569



26.6410, 22.3550, 12.9599



15.0597, 22.3550, 22.3406



16.6364, 22.3550, 40.9660

Sweetspot

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



28.9346, 22.3561, 26.4573



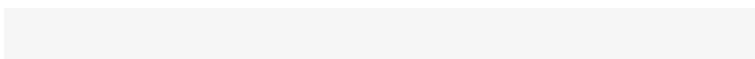
68.9150, 66.9954, 75.3759



26.6155, 20.7186, 46.3127



14.6934, 14.1564, 15.9789



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.



28.9346, 22.3561, 26.4573



48.0371, 34.2911, 40.5123



27.9287, 23.2376, 17.2019



8.6315, 8.5593, 9.5581



13.9732, 7.1068, 5.0186



0.4688, 0.2353, 0.3116

Inverse Universe

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



28.9346, 22.3561, 26.4573



48.0371, 34.2911, 40.5123



29.6038, 36.6813, 49.2363



8.6315, 8.5593, 9.5581



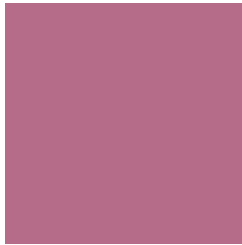
13.9732, 7.1068, 5.0186



0.4688, 0.2353, 0.3116

Previews

White Background



This preview shows how the XYZ color 28.9340, 22.3550, 26.4569 looks on a white background.

Color Contrast Check

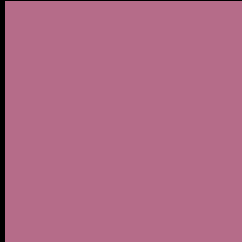
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9340, 22.3550, 26.4569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

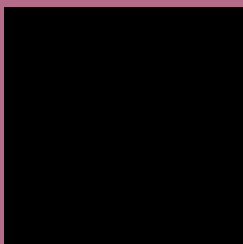
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9340, 22.3550, 26.4569

Background



This preview shows how black text looks on a background with the XYZ color 28.9340, 22.3550, 26.4569.



This preview shows how white text looks on a background with the XYZ color 28.9340, 22.3550,

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

28.9340, 22.3550, 26.4569

Protanopia

22.2400, 22.6793, 32.0595

Deuteranopia

23.0478, 22.6508, 25.7115



Tritanopia

27.6046, 22.2845, 20.2992

Trichromacy



Original Color

28.9340, 22.3550, 26.4569

Protanomaly

24.1030, 22.1664, 29.7962

Deuteranomaly

24.7999, 22.2501, 25.9093

Tritanomaly

28.1642, 22.3615, 22.5705

Monochromacy



Original Color

28.9340, 22.3550, 26.4569

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.0884, 22.6206, 25.6509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9340, 22.3550, 26.4569 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(181, 108, 137)` looks like.

```
.text, #text, p{  
    color:rgb(181, 108, 137)  
}
```

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(181, 108, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 108, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.9340, 22.3550, 26.4569 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(181, 108, 137) }
```


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

```
.border{ border-color:rgb(181, 108, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 108, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 108, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 108, 137);  
box-shadow:4px 4px 4px 4px rgb(181, 108,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9340, 22.3550, 26.4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 108, 137) }
```

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

```
.background{ background-color: rgb(181,  
108, 137) }
```

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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