

Converting Colors

XYZ(28.6560, 21.5583, 28.2425)

Have a look what the booklet for
XYZ(28.6560, 21.5583, 28.2425)
contains.

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Color

**XYZ(28.6552, 21.5569,
28.2418)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--|
| Hex | B4688E |
| RGB | 180, 104, 142 |
| RGB Percent | 71%, 41%, 56% |
| CMY | 0.2941, 0.5921, 0.4431 |
| CMYK | 0.00, 0.42, 0.21, 0.29 |
| HSL | 330°, 34%, 56% |
| HSV | 330°, 42%, 71% |
| XYZ | 28.6552, 21.5569, 28.2418 |
| YIQ | 131.0560, 33.0980, 27.9300 |

Conversions

Conversions Part 2

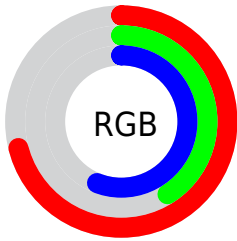
| Format | Color |
|-------------------------------------|--|
| RYB | 180, 104, 142 |
| Decimal | 11823246 |
| CIELab | 53.55, 35.47, -7.63 |
| CIELCh | 54, 36.278, 347.862 |
| Yxy | 21.5569, 0.3652, 0.2748 |
| Android (android.graphics.Color) | 4290013326 (0xFFB4688E) |
| YUV | 131.0560, 5.3954, 42.9239 |
| Hunter-Lab | 46.4294, 28.9148, -3.5640 |

Details

The XYZ color **28.6552, 21.5569, 28.2418** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **26.9136, 37.5392, 31.4202**, and the grayscale version is **21.5670, 22.6902, 24.7096**.

A 20% lighter version of the original color is **56.9458, 46.1040, 58.1221**, and **11.7084, 7.7710, 11.0081** is the 20% darker color. If you saturate the color by 10%, you get **26.3843, 18.0531, 24.2844**, and if you desaturate by 10%, it is **31.3686, 25.8580, 32.6164**.

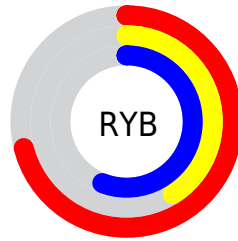
Distribution



Red (71%)

Green (41%)

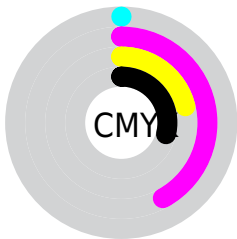
Blue (56%)



Red (71%)

Yellow (41%)

Blue (56%)

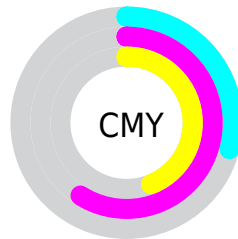


Cyan (0%)

Magenta (42%)

Yellow (21%)

Black (29%)



Cyan (29%)


Magenta (59%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6552, 21.5569, 28.2418 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 28.6552, 21.5569, 28.2418 by changing the saturation by 10% instead.

 28.6552, 21.5569,
28.2418


 28.6552, 21.5569,
28.2418


287.6082,
260.2235, 307.5687

 18.9631, 13.5317,
18.2674


 56.9302, 46.0125,
57.8980


 11.7475, 7.7957,
10.9707


 76.2438, 63.2118,
78.4169

 6.6429, 3.9645,
5.9332


 99.4952, 84.2378,
103.2876

 3.2841, 1.6537,
2.7364

 127.0500,
109.4750, 132.9288

 1.3057, 0.3934,
0.9617

159.2733,
139.3077, 167.7590

 0.1875, 0.0000,
0.0000

196.5305,

 0.0000, 0.0000,

174.1205, 208.1967

0.0000

239.1870,
214.2976, 254.6604

■ 28.6552, 21.5569,
28.2418

■ 28.6552, 21.5569,
28.2418

■ 26.3843, 18.0531,
24.2844

■ 31.3686, 25.8580,
32.6164

■ 24.5280, 15.2934,
20.7279

■ 34.5466, 30.9990,
37.4211

■ 23.0578, 13.2227,
17.5564


■ 38.2118, 37.0233,
42.6694


■ 21.9406, 11.7772,
14.7522


■ 42.3849, 43.9704,
48.3740


■ 21.1372, 10.8806,
12.2950


■ 47.0853, 51.8771,
54.5470

 20.6678, 10.4415,
10.5980

 52.3314, 60.7785,
61.1999

 58.1406, 70.7077,
68.3437

 64.5296, 81.6965,
75.9892

 67.9025, 86.5513,
82.9427

Harmonies

Analogous

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



26.5145, 21.5569, 40.8608



28.6552, 21.5569, 28.2418



28.4154, 21.5569, 17.5254

Triad

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



28.6552, 21.5569, 28.2418



18.2913, 21.5569, 8.4742



15.8930, 21.5569, 43.0766

Complementary

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



28.6552, 21.5569, 28.2418



26.9136, 37.5392, 31.4202

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.



14.1937, 21.5569, 30.6308



28.6552, 21.5569, 28.2418



15.4537, 21.5569, 11.8844

Square

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



28.6552, 21.5569, 28.2418



22.0933, 21.5569, 8.1981



14.0437, 21.5569, 19.2716



18.9647, 21.5569, 51.0644

Rectangle

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



28.6552, 21.5569, 28.2418



26.9403, 21.5569, 12.6747



14.0437, 21.5569, 19.2716



15.1600, 21.5569, 39.1242

Sweetspot

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



28.6558, 21.5579, 28.2422



68.5785, 65.9613, 76.3772



24.3448, 18.9479, 45.5545



14.4964, 13.7189, 16.0478



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.



28.6558, 21.5579, 28.2422



47.9702, 32.9314, 44.2693



26.2722, 20.6045, 15.6903



8.6676, 8.5738, 9.7482



14.4587, 7.3010, 7.5755



0.4844, 0.2415, 0.3934

Inverse Universe

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



28.6558, 21.5579, 28.2422



47.9702, 32.9314, 44.2693



30.2691, 38.8814, 49.0898



8.6676, 8.5738, 9.7482



14.4587, 7.3010, 7.5755



0.4844, 0.2415, 0.3934

Previews

White Background



This preview shows how the XYZ color 28.6552, 21.5569, 28.2418 looks on a white background.

Color Contrast Check

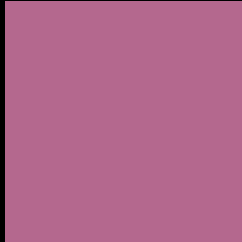
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6552, 21.5569, 28.2418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

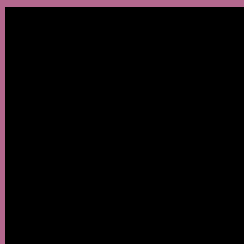
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6552, 21.5569, 28.2418

Background



This preview shows how black text looks on a background with the XYZ color 28.6552, 21.5569, 28.2418.



This preview shows how white text looks on a background with the XYZ color 28.6552, 21.5569,

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

28.6552, 21.5569, 28.2418

Protanopia

21.7012, 21.7506, 34.9528

Deuteranopia

22.0744, 21.7364, 27.0769



Tritanopia

26.8110, 21.5687, 19.5797

Trichromacy



Original Color

28.6552, 21.5569, 28.2418

Protanomaly

23.5920, 21.3003, 32.5737

Deuteranomaly

23.9704, 21.2621, 27.2667

Tritanomaly

27.3837, 21.4867, 22.4427

Monochromacy



Original Color

28.6552, 21.5569, 28.2418

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.6050, 21.8136, 25.8880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6552, 21.5569, 28.2418 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(180, 104, 142)` looks like.

```
.text, #text, p{  
    color:rgb(180, 104, 142)  
}
```

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(180, 104, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 104, 142) }
```

Border

The CSS property to change the border of an element to XYZ 28.6552, 21.5569, 28.2418 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(180, 104, 142) }
```


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

```
.border{ border-color:rgb(180, 104, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 104, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 104, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 104, 142);  
box-shadow:4px 4px 4px 4px rgb(180, 104,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6552, 21.5569, 28.2418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 104, 142) }
```

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

```
.background{ background-color: rgb(180,  
104, 142) }
```

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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