

Converting Colors

XYZ(28.1969, 21.7856, 27.9182)

Have a look what the booklet for
XYZ(28.1969, 21.7856, 27.9182)
contains.

XYZ(28.1969, 21.7856, 27.9182)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.1969, 21.7856,
27.9182)**

Conversions

Conversions Part 1

Format	Color
Hex	B16B8D
RGB	177, 107, 141
RGB Percent	69%, 42%, 55%
CMY	0.3059, 0.5804, 0.4471
CMYK	0.00, 0.40, 0.20, 0.31
HSL	331°, 31%, 56%
HSV	331°, 40%, 69%
XYZ	28.1969, 21.7856, 27.9182
YIQ	131.8060, 30.8060, 25.4140

Conversions

Conversions Part 2

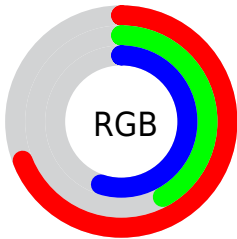
Format	Color
R_{YB}	177, 107, 141
Decimal	11627405
CIE Lab	53.80, 32.61, -6.72
CIE LCh	54, 33.298, 348.363
Yxy	21.7856, 0.3620, 0.2797
Android (android.graphics.Color)	4289817485 (0xFFB16B8D)
YUV	131.8060, 4.5326, 39.6351
Hunter-Lab	46.6750, 26.1524, -2.7912

Details

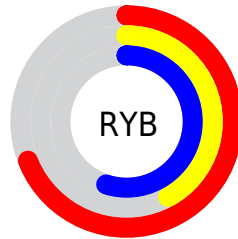
The XYZ color **28.1969, 21.7856, 27.9182** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.7445, 36.5539, 31.6344**, and the grayscale version is **21.8393, 22.9766, 25.0216**.

A 20% lighter version of the original color is **56.3528, 46.5742, 57.6494**, and **11.5198, 7.8925, 10.8138** is the 20% darker color. If you saturate the color by 10%, you get **25.8872, 18.2059, 23.9426**, and if you desaturate by 10%, it is **30.9413, 26.1451, 32.3138**.

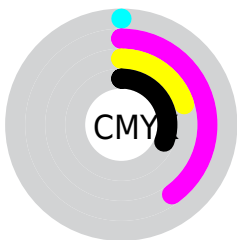
Distribution



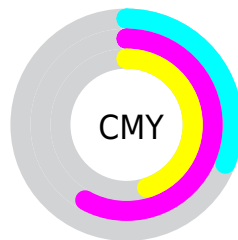
- Red (69%)
- Green (42%)
- Blue (55%)



- Red (69%)
- Yellow (42%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (31%)





- Cyan (31%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1969, 21.7856, 27.9182 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 28.1969, 21.7856, 27.9182 by changing the saturation by 10% instead.

 28.1969, 21.7856,
27.9182


 28.1969, 21.7856,
27.9182

285.4696,
261.4246, 305.9755


 18.6154, 13.6994,
18.0255


 56.2051, 46.3914,
57.3753


 11.4950, 7.9119,
10.7987


 75.3625, 63.6798,
77.7769

 6.4706, 4.0386,
5.8192


 98.4425, 84.8044,
102.5184

 3.1766, 1.6952,
2.6684

 125.8105,
110.1497, 132.0185

 1.2478, 0.4205,
0.9275

157.8318,
140.0999, 166.6958

 0.1437, 0.0000,
0.0000

194.8719,

 0.0000, 0.0000,

175.0395, 206.9686

0.0000

237.2961,
215.3530, 253.2557

■ 28.1969, 21.7856,
27.9182

■ 28.1969, 21.7856,
27.9182

■ 25.8872, 18.2059,
23.9426

■ 30.9413, 26.1451,
32.3138

■ 23.9857, 15.3558,
20.3711

■ 34.1409, 31.3242,
37.1421

■ 22.4660, 13.1845,
17.1882


■ 37.8174, 37.3639,
42.4165


■ 21.2973, 11.6328,
14.3765


■ 41.9903, 44.3012,
48.1496


■ 20.4438, 10.6314,
11.9167


■ 46.6781, 52.1712,
54.3532


 19.8354, 10.0427,
9.7777

 51.8981, 61.0071,
61.0389

 19.8100, 10.0185,
9.6868

 57.6671, 70.8403,
68.2175

 64.0009, 81.7009,
75.8997

 67.2016, 86.1912,
82.8580

Harmonies

Analogous

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



26.2817, 21.7856, 39.3555



28.1969, 21.7856, 27.9182



27.9412, 21.7856, 18.0426

Triad

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



28.1969, 21.7856, 27.9182



18.6152, 21.7856, 9.5111



16.4663, 21.7856, 41.6898

Complementary

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



28.1969, 21.7856, 27.9182



26.7445, 36.5539, 31.6344

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.



14.8428, 21.7856, 30.4806



28.1969, 21.7856, 27.9182



15.9815, 21.7856, 12.8961

Square

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



28.1969, 21.7856, 27.9182



22.1245, 21.7856, 9.1896



14.6762, 21.7856, 19.9667



19.3505, 21.7856, 48.7051

Rectangle

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



28.1969, 21.7856, 27.9182



26.5788, 21.7856, 13.4786



14.6762, 21.7856, 19.9667



15.7700, 21.7856, 38.1604

Sweetspot

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



28.1975, 21.7866, 27.9186



65.8930, 63.8863, 73.3748



24.3498, 19.4417, 44.0645



14.0964, 13.5428, 15.6400



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.1975, 21.7866, 27.9186



47.0300, 33.6269, 44.0683



26.0438, 20.9252, 16.5775



8.6626, 8.5718, 9.7216



14.3834, 7.2709, 7.1788



0.4821, 0.2406, 0.3813

Inverse Universe

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



28.1975, 21.7866, 27.9186



47.0300, 33.6269, 44.0683



29.7221, 37.7449, 47.3143



8.6626, 8.5718, 9.7216



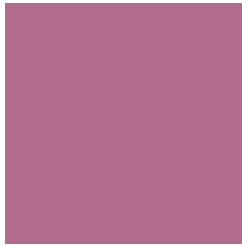
14.3834, 7.2709, 7.1788



0.4821, 0.2406, 0.3813

Previews

White Background



This preview shows how the XYZ color 28.1969, 21.7856, 27.9182 looks on a white background.

Color Contrast Check

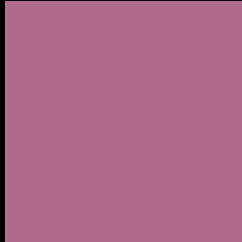
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1969, 21.7856, 27.9182 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 28.1969, 21.7856, 27.9182

Background



This preview shows how black text looks on a background with the XYZ color 28.1969, 21.7856, 27.9182.



This preview shows how white text looks on a background with the XYZ color 28.1969, 21.7856,

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

28.1969, 21.7856, 27.9182

Protanopia

21.7203, 21.9824, 33.6701

Deuteranopia

22.4023, 21.9055, 27.0922



Tritanopia

26.6934, 21.8147, 20.2565

Trichromacy



Original Color

28.1969, 21.7856, 27.9182

Protanomaly

23.4690, 21.4425, 31.3356

Deuteranomaly

24.0875, 21.4963, 27.3058

Tritanomaly

27.3112, 21.9143, 22.8691

Monochromacy



Original Color

28.1969, 21.7856, 27.9182

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.6689, 22.2111, 25.9614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1969, 21.7856, 27.9182 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(177, 107, 141)` looks like.

```
.text, #text, p{  
    color:rgb(177, 107, 141)  
}
```

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(177, 107, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 107, 141) }
```

Border

The CSS property to change the border of an element to XYZ 28.1969, 21.7856, 27.9182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

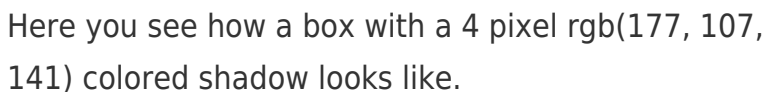
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 107, 141) }
```


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

```
.border{ border-color:rgb(177, 107, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 107, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 107, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 107, 141);  
box-shadow:4px 4px 4px 4px rgb(177, 107,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1969, 21.7856, 27.9182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 107, 141) }
```

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

```
.background{ background-color: rgb(177,  
107, 141) }
```

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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