

Converting Colors

XYZ(21.5649, 18.6068, 27.9552)

Have a look what the booklet for
XYZ(21.5649, 18.6068, 27.9552)
contains.

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Color

**XYZ(21.6788, 18.7299,
28.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6D8E
RGB	143, 109, 142
RGB Percent	56%, 43%, 56%
CMY	0.4392, 0.5725, 0.4431
CMYK	0.00, 0.24, 0.01, 0.44
HSL	302°, 13%, 49%
HSV	302°, 24%, 56%
XYZ	21.6788, 18.7299, 28.0638
YIQ	122.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

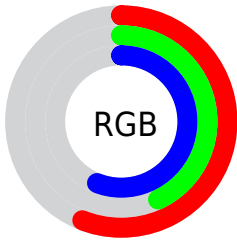
Format	Color
R_{YB}	143, 109, 142
Decimal	9399694
CIE _{Lab}	50.37, 19.42, -12.85
CIE _{LCh}	50, 23.284, 326.506
Yxy	18.7299, 0.3166, 0.2735
Android (android.graphics.Color)	4287589774 (0xFF8F6D8E)
YUV	122.9280, 9.4025, 17.6031
Hunter-Lab	43.2781, 13.6774, -8.1522

Details

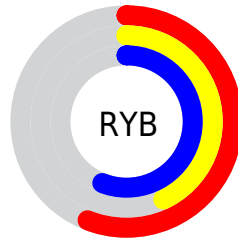
The XYZ color **21.6788, 18.7299, 28.0638** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.9443, 24.0225, 18.3912**, and the grayscale version is **18.7712, 19.7488, 21.5064**.

A 20% lighter version of the original color is **45.7346, 41.3456, 57.7946**, and **8.0141, 6.3855, 10.9353** is the 20% darker color. If you saturate the color by 10%, you get **20.2444, 15.9112, 27.4303**, and if you desaturate by 10%, it is **23.3627, 22.0467, 28.7815**.

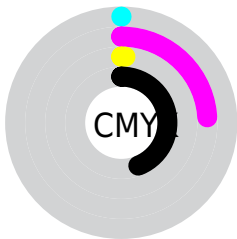
Distribution



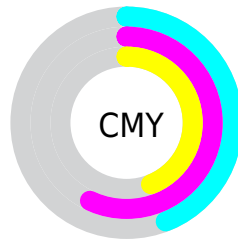
- Red (56%)
- Green (43%)
- Blue (56%)



- Red (56%)
- Yellow (43%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (44%)



- Cyan (44%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6788, 18.7299, 28.0638 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 21.6788, 18.7299, 28.0638 by changing the saturation by 10% instead.

■ 21.6788, 18.7299,
28.0638

■ 21.6788, 18.7299,
28.0638

253.5283,
244.9536, 306.6932

■ 13.7364, 11.4753,
18.1343

■ 45.6974, 41.2772,
57.6106

■ 8.0180, 6.3875,
10.8760

■ 62.5042, 57.3386,
78.0650

■ 4.1584, 3.0821,
5.8704

■ 82.9965, 77.1045,
102.8648

■ 1.7921, 1.1747,
2.6989

■ 107.5397,
100.9592, 132.4285

■ 0.5129, 0.0409,
0.9429

136.4992,
129.2870, 167.1746

■ 0.0000, 0.0000,
0.0000

170.2402,

162.4724, 207.5217

209.1281,
200.8998, 253.8884

■ 21.6788, 18.7299,
28.0638

■ 21.6788, 18.7299,
28.0638

■ 20.2444, 15.9112,
27.4303

■ 23.3627, 22.0467,
28.7815

■ 19.0457, 13.5641,
26.8758

■ 25.3055, 25.8815,
29.5858

■ 18.0704, 11.6635,
26.3963

■ 27.5183, 30.2561,
30.4807

■ 17.3042, 10.1810,
25.9871

■ 30.0110, 35.1902,
31.4696

■ 16.7312, 9.0848,
25.6428

■ 32.7930, 40.7028,
32.5554

■ 16.3334, 8.3386,
25.3576

■ 35.8733, 46.8118,
33.7413

■ 16.0887, 7.8987,
25.1240

■ 39.2605, 53.5343,
35.0300

■ 15.9730, 7.6978,
24.9911

■ 42.9628, 60.8869,
36.4244

■ 46.9881, 68.8853,
37.9271

Harmonies

Analogous

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



19.8135, 18.7299, 33.6856



21.6788, 18.7299, 28.0638



22.5029, 18.7299, 21.1618

Triad

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



21.6788, 18.7299, 28.0638



18.0684, 18.7299, 10.3207



14.1888, 18.7299, 26.4693

Complementary

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



21.6788, 18.7299, 28.0638



18.9443, 24.0225, 18.3912

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.



13.8064, 18.7299, 19.6444



21.6788, 18.7299, 28.0638



15.9319, 18.7299, 11.1588

Square

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



21.6788, 18.7299, 28.0638



20.3103, 18.7299, 11.6740



14.4177, 18.7299, 14.2663



15.5096, 18.7299, 32.6366

Rectangle

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



21.6788, 18.7299, 28.0638



22.3035, 18.7299, 17.0572



14.4177, 18.7299, 14.2663



13.9513, 18.7299, 24.1391

Sweetspot

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



21.6794, 18.7307, 28.0642



44.0908, 43.9261, 52.4792



16.8040, 16.2087, 28.2299



10.0704, 9.9931, 12.0179



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.6794, 18.7307, 28.0642



37.2708, 30.4899, 49.5775



20.5264, 18.2695, 21.9927



5.6195, 5.5083, 6.7603



14.1243, 6.8068, 22.1039



0.1364, 0.0656, 0.2187

Inverse Universe

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



21.6794, 18.7307, 28.0642



37.2708, 30.4899, 49.5775



19.9324, 24.4177, 23.5942



5.6195, 5.5083, 6.7603



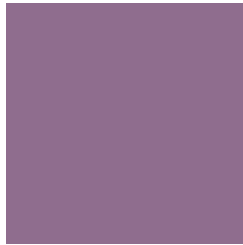
14.1243, 6.8068, 22.1039



0.1364, 0.0656, 0.2187

Previews

White Background



This preview shows how the XYZ color 21.6788, 18.7299, 28.0638 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 21.6788, 18.7299, 28.0638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

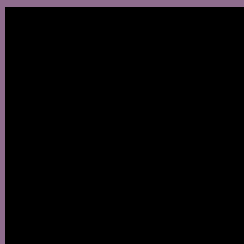
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.6788, 18.7299, 28.0638

Background



This preview shows how black text looks on a background with the XYZ color 21.6788, 18.7299, 28.0638.



This preview shows how white text looks on a background with the XYZ color 21.6788, 18.7299,

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

21.6788, 18.7299, 28.0638

Protanopia

18.8317, 18.8743, 31.0843

Deuteranopia

19.1210, 18.7536, 27.4230



Tritanopia

20.1715, 18.7662, 20.6482

Trichromacy



Original Color

21.6788, 18.7299, 28.0638

Protanomaly

19.6312, 18.6219, 29.7538

Deuteranomaly

20.0310, 18.7035, 27.7537

Tritanomaly

20.7411, 18.8360, 23.3114

Monochromacy



Original Color

21.6788, 18.7299, 28.0638

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7136, 19.3144, 23.8081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6788, 18.7299, 28.0638 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(143, 109, 142)` looks like.

```
.text, #text, p{  
    color:rgb(143, 109, 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(143, 109, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 109, 142) }
```

Border

The CSS property to change the border of an element to XYZ 21.6788, 18.7299, 28.0638 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(143, 109, 142) }
```


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

```
.border{ border-color:rgb(143, 109, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 109, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 109, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 109, 142);  
box-shadow:4px 4px 4px 4px rgb(143, 109,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6788, 18.7299, 28.0638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 109, 142) }
```

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

```
.background{ background-color: rgb(143,  
109, 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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