

Converting Colors

XYZ(28.3292, 21.7254, 19.8399)

Have a look what the booklet for
XYZ(28.3292, 21.7254, 19.8399)
contains.

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Color

**XYZ(28.3292, 21.7254,
19.8399)**

Conversions

Conversions Part 1

Format	Color
Hex	B96976
RGB	185, 105, 118
RGB Percent	73%, 41%, 46%
CMY	0.2745, 0.5882, 0.5373
CMYK	0.00, 0.43, 0.36, 0.27
HSL	350°, 36%, 57%
HSV	350°, 43%, 73%
XYZ	28.3292, 21.7254, 19.8399
YIQ	130.4020, 43.5070, 21.0030

Conversions

Conversions Part 2

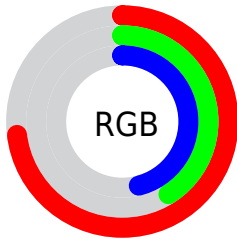
Format	Color
R_{YB}	185, 105, 118
Decimal	12151158
CIE _{Lab}	53.73, 33.41, 6.85
CIE _{LCh}	54, 34.106, 11.580
Yxy	21.7254, 0.4053, 0.3108
Android (android.graphics.Color)	4290341238 (0xFFB96976)
YUV	130.4020, -6.1142, 47.8824
Hunter-Lab	46.6105, 26.9213, 7.3904

Details

The XYZ color **28.3292, 21.7254, 19.8399** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.6221, 40.6803, 45.2699**, and the grayscale version is **21.3712, 22.4842, 24.4853**.

A 20% lighter version of the original color is **56.4447, 46.4107, 44.0134**, and **11.5249, 7.8417, 6.7005** is the 20% darker color. If you saturate the color by 10%, you get **25.7994, 18.0202, 14.8209**, and if you desaturate by 10%, it is **31.4214, 26.3130, 25.7930**.

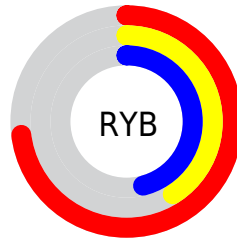
Distribution



Red (73%)

Green (41%)

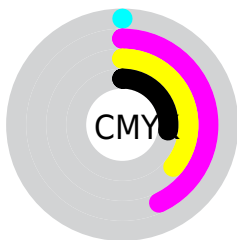
Blue (46%)



Red (73%)

Yellow (41%)

Blue (46%)

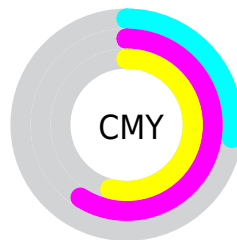


Cyan (0%)

Magenta (43%)

Yellow (36%)

Black (27%)



Cyan (27%)


Magenta (59%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3292, 21.7254, 19.8399 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 28.3292, 21.7254, 19.8399 by changing the saturation by 10% instead.

 28.3292, 21.7254,
19.8399


 28.3292, 21.7254,
19.8399


286.0883,
261.1089, 263.6226


 18.7157, 13.6553,
12.0958

 56.4146, 46.2917,
44.0040


 11.5678, 7.8813,
6.6856


 75.6171, 63.5567,
61.2612

 6.5202, 4.0191,
3.1908


 98.7468, 84.6554,
82.5264

 3.2075, 1.6842,
1.1929

 126.1688,
109.9723, 108.2182

 1.2644, 0.4134,
0.0000

158.2486,
139.8916, 138.7552

 0.1564, 0.0000,
0.0000

195.3516,

 0.0000, 0.0000,

174.7979, 174.5559

0.0000

237.8430,
215.0756, 216.0388

■ 28.3292, 21.7254,
19.8399

■ 28.3292, 21.7254,
19.8399

■ 25.7994, 18.0202,
14.8209

■ 31.4214, 26.3130,
25.7930

■ 23.7958, 15.1375,
10.6870

■ 35.1054, 31.8314,
32.7234

■ 22.2812, 13.0150,
7.3865


■ 39.4108, 38.3292,
40.6729


■ 21.2121, 11.5803,
4.8615


■ 44.3648, 45.8509,
49.6806


■ 20.5374, 10.7465,
3.0468


■ 49.9927, 54.4381,
59.7836

 20.2427, 10.4083,
2.1741

 56.3186, 64.1301,
71.0170

 63.3655, 74.9643,
83.4145

 71.1551, 86.9763,
97.0083

 73.8176, 89.0543,
107.9063

Harmonies

Analogous

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



28.0621, 21.7254, 30.6033



28.3292, 21.7254, 19.8399



26.3662, 21.7254, 12.6524

Triad

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



28.3292, 21.7254, 19.8399



16.3268, 21.7254, 11.5661



18.5070, 21.7254, 48.3564

Complementary

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



28.3292, 21.7254, 19.8399



30.6221, 40.6803, 45.2699

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.



15.8250, 21.7254, 39.6886



28.3292, 21.7254, 19.8399



14.6725, 21.7254, 17.8475

Square

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



28.3292, 21.7254, 19.8399



19.2702, 21.7254, 8.9069



14.5004, 21.7254, 27.9309



22.0928, 21.7254, 49.3645

Rectangle

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



28.3292, 21.7254, 19.8399



24.1786, 21.7254, 10.0002



14.5004, 21.7254, 27.9309



17.4814, 21.7254, 46.1445

Sweetspot

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



28.3298, 21.7265, 19.8403



70.6077, 68.6825, 72.8874



30.7495, 22.3400, 48.5905



14.8350, 14.2217, 15.0038



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.3298, 21.7265, 19.8403



46.3653, 32.5049, 26.8651



30.7643, 27.7475, 17.1002



9.0625, 9.0354, 9.6768



13.8018, 7.0945, 1.5770



0.5052, 0.2576, 0.1539

Inverse Universe

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



28.3298, 21.7265, 19.8403



46.3653, 32.5049, 26.8651



26.8673, 31.0745, 50.4810



9.0625, 9.0354, 9.6768



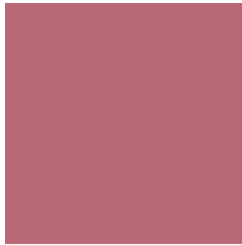
13.8018, 7.0945, 1.5770



0.5052, 0.2576, 0.1539

Previews

White Background



This preview shows how the XYZ color 28.3292, 21.7254, 19.8399 looks on a white background.

Color Contrast Check

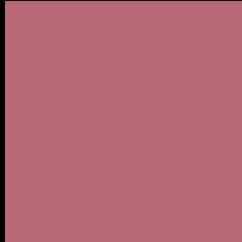
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3292, 21.7254, 19.8399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

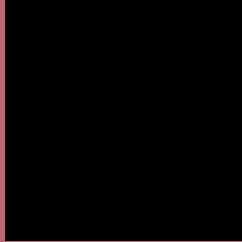
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3292, 21.7254, 19.8399

Background



This preview shows how black text looks on a background with the XYZ color 28.3292, 21.7254, 19.8399.



This preview shows how white text looks on a background with the XYZ color 28.3292, 21.7254,

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

28.3292, 21.7254, 19.8399

Protanopia

21.1760, 21.9023, 24.5842

Deuteranopia

22.1562, 21.7641, 19.2528



Tritanopia

28.1989, 21.8373, 18.6484

Trichromacy



Original Color

28.3292, 21.7254, 19.8399

Protanomaly

23.2449, 21.5186, 22.6670

Deuteranomaly

24.0109, 21.4571, 19.3991

Tritanomaly

28.2561, 21.8602, 18.9498

Monochromacy



Original Color

28.3292, 21.7254, 19.8399

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.1809, 21.6651, 22.6987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3292, 21.7254, 19.8399 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(185, 105, 118)` looks like.

```
.text, #text, p{  
    color:rgb(185, 105, 118)  
}
```

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(185, 105, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 105, 118) }
```

Border

The CSS property to change the border of an element to XYZ 28.3292, 21.7254, 19.8399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

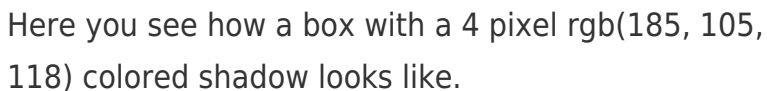
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 105, 118) }
```


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

```
.border{ border-color:rgb(185, 105, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 105, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 105, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 105, 118);  
box-shadow:4px 4px 4px 4px rgb(185, 105,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3292, 21.7254, 19.8399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 105, 118) }
```

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

```
.background{ background-color: rgb(185,  
105, 118) }
```

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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