

Converting Colors

XYZ(27.9687, 21.4711, 28.2022)

Have a look what the booklet for
XYZ(27.9687, 21.4711, 28.2022)
contains.

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Color

**XYZ(27.9410, 21.4912,
28.2667)**

Conversions

Conversions Part 1

Format	Color
Hex	B06A8E
RGB	176, 106, 142
RGB Percent	69%, 42%, 56%
CMY	0.3098, 0.5843, 0.4431
CMYK	0.00, 0.40, 0.19, 0.31
HSL	329°, 31%, 55%
HSV	329°, 40%, 69%
XYZ	27.9410, 21.4912, 28.2667
YIQ	131.0340, 30.1640, 26.0360

Conversions

Conversions Part 2

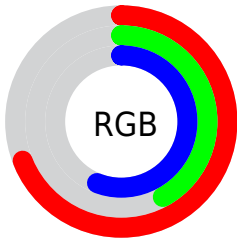
Format	Color
R_{YB}	176, 106, 142
Decimal	11561614
CIE _{Lab}	53.48, 32.96, -7.79
CIE _{LCh}	53, 33.871, 346.708
Yxy	21.4912, 0.3596, 0.2766
Android (android.graphics.Color)	4289751694 (0xFFB06A8E)
YUV	131.0340, 5.4062, 39.4352
Hunter-Lab	46.3586, 26.4570, -3.7005

Details

The XYZ color **27.9410, 21.4912, 28.2667** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.2038, 36.0089, 30.3820**, and the grayscale version is **21.5599, 22.6827, 24.7014**.

A 20% lighter version of the original color is **55.9662, 46.1054, 58.1740**, and **11.3720, 7.7386, 11.0195** is the 20% darker color. If you saturate the color by 10%, you get **25.6925, 17.9822, 24.4710**, and if you desaturate by 10%, it is **30.6122, 25.7664, 32.4467**.

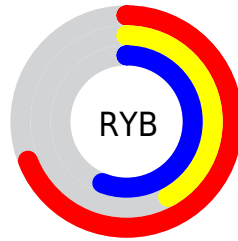
Distribution



Red (69%)

Green (42%)

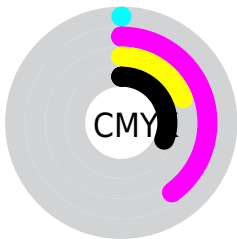
Blue (56%)



Red (69%)

Yellow (42%)

Blue (56%)

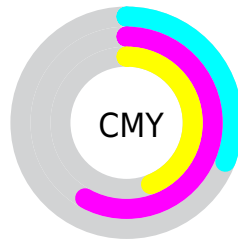


Cyan (0%)

Magenta (40%)

Yellow (19%)

Black (31%)



Cyan (31%)


Magenta (58%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9410, 21.4912, 28.2667 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 27.9410, 21.4912, 28.2667 by changing the saturation by 10% instead.

 27.9410, 21.4912,
28.2667


 27.9410, 21.4912,
28.2667


284.2701,
259.8776, 307.6911


 18.4214, 13.4835,
18.2860


 55.7995, 45.9036,
57.9382


 11.3545, 7.7623,
10.9840


 74.8692, 63.0771,
78.4660

 6.3748, 3.9433,
5.9420


 97.8529, 84.0747,
103.3467

 3.1171, 1.6419,
2.7416

 125.1161,
109.2808, 132.9987

 1.2160, 0.3856,
0.9643

157.0240,
139.0797, 167.8406

 0.1189, 0.0000,
0.0000

193.9421,

 0.0000, 0.0000,

173.8559, 208.2910

0.0000

236.2357,
213.9937, 254.7683

■ 27.9410, 21.4912,
28.2667

■ 27.9410, 21.4912,
28.2667

■ 25.6925, 17.9822,
24.4710

■ 30.6122, 25.7664,
32.4467

■ 23.8409, 15.1900,
21.0448

■ 33.7263, 30.8470,
37.0223

■ 22.3600, 13.0642,
17.9741

■ 37.3043, 36.7734,
42.0058

■ 21.2199, 11.5466,
15.2431

■ 41.3654, 43.5822,
47.4085

■ 20.3853, 10.5687,
12.8340

■ 45.9276, 51.3080,
53.2412

■ 19.7846, 9.9892,
10.7165

■ 51.0080, 59.9833,
59.5143

■ 19.7718, 9.9770,
10.6706

■ 56.6229, 69.6392,
66.2378

■ 62.7877, 80.3053,
73.4211

■ 66.4432, 85.8616,
80.0490

Harmonies

Analogous

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



25.8977, 21.4912, 39.8196



27.9410, 21.4912, 28.2667



27.8095, 21.4912, 18.1454

Triad

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



27.9410, 21.4912, 28.2667



18.4984, 21.4912, 9.0734



16.0335, 21.4912, 41.0239

Complementary

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



27.9410, 21.4912, 28.2667



26.2038, 36.0089, 30.3820

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.



14.4820, 21.4912, 29.5828



27.9410, 21.4912, 28.2667



15.7862, 21.4912, 12.2583

Square

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



27.9410, 21.4912, 28.2667



22.0619, 21.4912, 8.9115



14.3972, 21.4912, 19.1271



18.8744, 21.4912, 48.5190

Rectangle

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



27.9410, 21.4912, 28.2667



26.5017, 21.4912, 13.4284



14.3972, 21.4912, 19.1271



15.3592, 21.4912, 37.3820

Sweetspot

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



27.9416, 21.4922, 28.2671



65.9946, 63.9269, 73.9098



23.7786, 19.0049, 43.4895



14.1205, 13.5524, 15.7668



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.



27.9416, 21.4922, 28.2671



46.9458, 33.1493, 44.9936



25.7220, 20.6043, 16.5786



8.6727, 8.5758, 9.7748



14.5366, 7.3322, 7.9856



0.4867, 0.2424, 0.4058

Inverse Universe

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



27.9416, 21.4922, 28.2671



46.9458, 33.1493, 44.9936



29.1914, 37.2039, 46.1144



8.6727, 8.5758, 9.7748



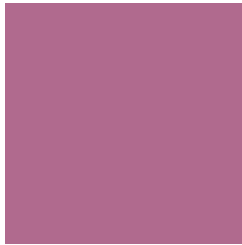
14.5366, 7.3322, 7.9856



0.4867, 0.2424, 0.4058

Previews

White Background



This preview shows how the XYZ color 27.9410, 21.4912, 28.2667 looks on a white background.

Color Contrast Check

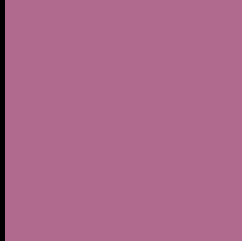
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9410, 21.4912, 28.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

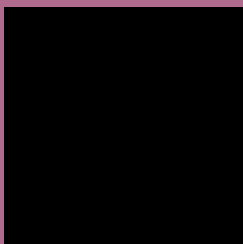
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9410, 21.4912, 28.2667

Background



This preview shows how black text looks on a background with the XYZ color 27.9410, 21.4912, 28.2667.



This preview shows how white text looks on a background with the XYZ color 27.9410, 21.4912,

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

27.9410, 21.4912, 28.2667

Protanopia

21.6162, 21.7166, 34.5049

Deuteranopia

22.1472, 21.7656, 27.4600



Tritanopia

26.1393, 21.3680, 20.1995

Trichromacy



Original Color

27.9410, 21.4912, 28.2667

Protanomaly

23.3381, 21.1788, 32.1360

Deuteranomaly

23.9746, 21.4296, 27.6837

Tritanomaly

26.7550, 21.4683, 22.8123

Monochromacy



Original Color

27.9410, 21.4912, 28.2667

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.3653, 21.8714, 25.9118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9410, 21.4912, 28.2667 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(176, 106, 142)` looks like.

```
.text, #text, p{  
    color:rgb(176, 106, 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(176, 106, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 106, 142) }
```

Border

The CSS property to change the border of an element to XYZ 27.9410, 21.4912, 28.2667 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(176, 106, 142) }
```


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

```
.border{ border-color:rgb(176, 106, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 106, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 106, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 106, 142);  
box-shadow:4px 4px 4px 4px rgb(176, 106,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9410, 21.4912, 28.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 106, 142) }
```

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

```
.background{ background-color: rgb(176,  
106, 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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