

Converting Colors

XYZ(27.2930, 21.4791, 22.9914)

Have a look what the booklet for
XYZ(27.2930, 21.4791, 22.9914)
contains.

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Color

**XYZ(27.2854, 21.4210,
23.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	B16B80
RGB	177, 107, 128
RGB Percent	69%, 42%, 50%
CMY	0.3059, 0.5804, 0.4980
CMYK	0.00, 0.40, 0.28, 0.31
HSL	342°, 31%, 56%
HSV	342°, 40%, 69%
XYZ	27.2854, 21.4210, 23.1186
YIQ	130.3240, 34.9790, 21.3710

Conversions

Conversions Part 2

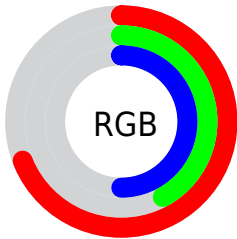
Format	Color
R_{YB}	177, 107, 128
Decimal	11627392
CIE _{Lab}	53.41, 30.67, 0.35
CIE _{LCh}	53, 30.671, 0.658
Yxy	21.4210, 0.3799, 0.2982
Android (android.graphics.Color)	4289817472 (0xFFB16B80)
YUV	130.3240, -1.1457, 40.9349
Hunter-Lab	46.2828, 24.2373, 2.7822

Details

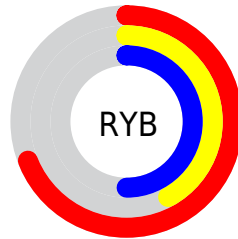
The XYZ color **27.2854, 21.4210, 23.1186** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.7872, 36.9709, 37.1259**, and the grayscale version is **21.3286, 22.4394, 24.4365**.

A 20% lighter version of the original color is **54.6703, 45.6249, 49.6411**, and **10.9504, 7.7282, 8.3117** is the 20% darker color. If you saturate the color by 10%, you get **24.8590, 17.7946, 18.5288**, and if you desaturate by 10%, it is **30.1903, 25.8447, 28.3598**.

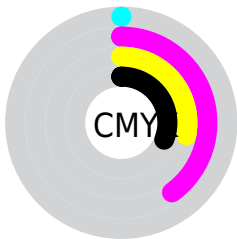
Distribution



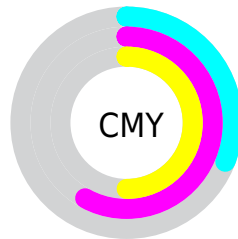
- Red (69%)
- Green (42%)
- Blue (50%)



- Red (69%)
- Yellow (42%)
- Blue (50%)



- Cyan (0%)
- Magenta (40%)
- Yellow (28%)
- Black (31%)





- Cyan (31%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2854, 21.4210, 23.1186 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 27.2854, 21.4210, 23.1186 by changing the saturation by 10% instead.


 27.2854, 21.4210,
23.1186


 27.2854, 21.4210,
23.1186


281.1787,
259.5075, 281.4752


 17.9254, 13.4321,
14.4750

 54.7582, 45.7872,
49.5137


 10.9958, 7.7268,
8.3092


 73.6016, 62.9332,
68.1022

 6.1313, 3.9206,
4.2029


 96.3369, 83.9004,
90.8427

 2.9665, 1.6292,
1.7373

 123.3294,
109.0731, 118.1539

 1.1361, 0.3772,
0.3861

154.9445,
138.8358, 150.4542

 0.0550, 0.0000,
0.0000

191.5475,

 0.0000, 0.0000,

173.5728, 188.1621

0.0000

233.5038,
213.6686, 231.6963

■ 27.2854, 21.4210,
23.1186

■ 27.2854, 21.4210,
23.1186

■ 24.8590, 17.7946,
18.5288

■ 30.1903, 25.8447,
28.3598

■ 22.8826, 14.9146,
14.5625

■ 33.5966, 31.1065,
34.2761

■ 21.3272, 12.7290,
11.1917


■ 37.5277, 37.2480,
40.8914


■ 20.1595, 11.1777,
8.3853

■ 42.0052, 44.3071,
48.2282


■ 19.3408, 10.1902,
6.1091

■ 47.0491, 52.3196,
56.3078


 18.7980, 9.6277,
4.3154

 52.6788, 61.3193,
65.1508

 18.7762, 9.6050,
4.2437

 58.9125, 71.3384,
74.7766

 65.7677, 82.4075,
85.2043

 69.5480, 87.1297,
95.2145

Harmonies

Analogous

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



26.3210, 21.4210, 33.2618



27.2854, 21.4210, 23.1186



26.2358, 21.4210, 15.3223

Triad

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



27.2854, 21.4210, 23.1186



17.3310, 21.4210, 11.0480



17.4431, 21.4210, 42.7097

Complementary

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



27.2854, 21.4210, 23.1186



27.7872, 36.9709, 37.1259

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.



15.4344, 21.4210, 33.7156



27.2854, 21.4210, 23.1186



15.3747, 21.4210, 15.5933

Square

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



27.2854, 21.4210, 23.1186



20.2882, 21.4210, 9.5944



14.7184, 21.4210, 23.5303



20.4320, 21.4210, 46.2449

Rectangle

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



27.2854, 21.4210, 23.1186



24.5934, 21.4210, 12.0219



14.7184, 21.4210, 23.5303



16.6426, 21.4210, 40.1241

Sweetspot

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



27.2860, 21.4220, 23.1190



65.2444, 63.6268, 69.9596



26.9046, 20.7588, 44.1838



13.9430, 13.4814, 14.8323



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.



27.2860, 21.4220, 23.1190



45.2196, 32.9028, 34.5351



27.6234, 24.0844, 17.1041



8.5978, 8.5458, 9.3804



13.6279, 6.9687, 3.2007



0.4552, 0.2298, 0.2400

Inverse Universe

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



27.2860, 21.4220, 23.1190



45.2196, 32.9028, 34.5351



27.0972, 32.4952, 46.4390



8.5978, 8.5458, 9.3804



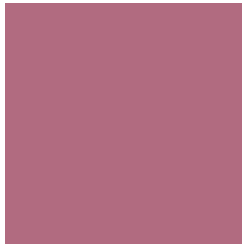
13.6279, 6.9687, 3.2007



0.4552, 0.2298, 0.2400

Previews

White Background



This preview shows how the XYZ color 27.2854, 21.4210, 23.1186 looks on a white background.

Color Contrast Check

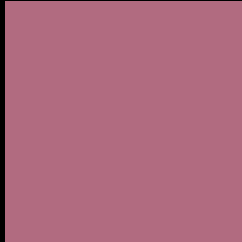
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2854, 21.4210, 23.1186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

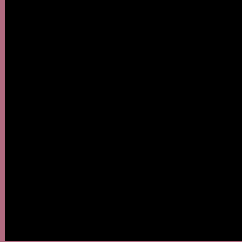
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2854, 21.4210, 23.1186

Background



This preview shows how black text looks on a background with the XYZ color 27.2854, 21.4210, 23.1186.



This preview shows how white text looks on a background with the XYZ color 27.2854, 21.4210,

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

27.2854, 21.4210, 23.1186

Protanopia

21.0754, 21.5842, 27.8663

Deuteranopia

21.8938, 21.5587, 22.4094



Tritanopia

26.5840, 21.4517, 19.5691

Trichromacy



Original Color

27.2854, 21.4210, 23.1186

Protanomaly

22.8375, 21.2303, 26.1867

Deuteranomaly

23.5708, 21.3332, 22.6141

Tritanomaly

26.7182, 21.3357, 20.7992

Monochromacy



Original Color

27.2854, 21.4210, 23.1186

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.9546, 21.7071, 23.7489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2854, 21.4210, 23.1186 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(177, 107, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 107, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.2854, 21.4210, 23.1186 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, 128) }
```


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

```
.border{ border-color:rgb(177, 107, 128) }
```

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, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 107, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 107, 128);  
box-shadow:4px 4px 4px 4px rgb(177, 107,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2854, 21.4210, 23.1186 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, 128) }
```

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

```
.background{ background-color: rgb(177,  
107, 128) }
```

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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