

Converting Colors

XYZ(27.7310, 21.6222, 21.0136)

Have a look what the booklet for
XYZ(27.7310, 21.6222, 21.0136)
contains.

XYZ(27.8266, 21.7443, 21.1428)	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(27.8266, 21.7443,
21.1428)**

Conversions

Conversions Part 1

Format	Color
Hex	B56B7A
RGB	181, 107, 122
RGB Percent	71%, 42%, 48%
CMY	0.2902, 0.5804, 0.5216
CMYK	0.00, 0.41, 0.33, 0.29
HSL	348°, 33%, 56%
HSV	348°, 41%, 71%
XYZ	27.8266, 21.7443, 21.1428
YIQ	130.8360, 39.2890, 20.3530

Conversions

Conversions Part 2

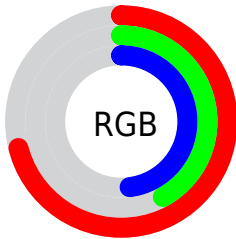
Format	Color
RYB	181, 107, 122
Decimal	11889530
CIELab	53.75, 31.34, 4.45
CIElCh	54, 31.653, 8.085
Yxy	21.7443, 0.3935, 0.3075
Android (android.graphics.Color)	4290079610 (0xFFB56B7A)
YUV	130.8360, -4.3561, 43.9938
Hunter-Lab	46.6308, 24.9148, 5.7590

Details

The XYZ color **27.8266, 21.7443, 21.1428** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.4712, 38.9272, 42.0389**, and the grayscale version is **21.5207, 22.6414, 24.6565**.

A 20% lighter version of the original color is **55.8074, 46.5483, 46.0878**, and **11.3533, 7.9561, 7.4159** is the 20% darker color. If you saturate the color by 10%, you get **25.3044, 18.0263, 16.2131**, and if you desaturate by 10%, it is **30.8777, 26.3075, 26.9045**.

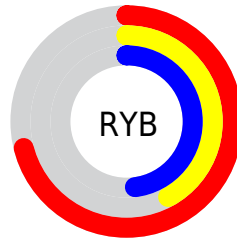
Distribution



Red (71%)

Green (42%)

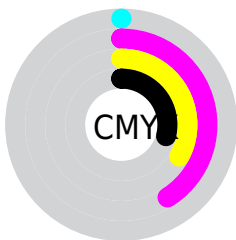
Blue (48%)



Red (71%)

Yellow (42%)

Blue (48%)

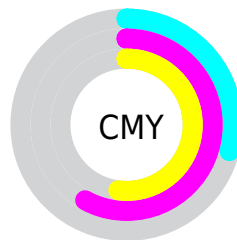


Cyan (0%)

Magenta (41%)

Yellow (33%)

Black (29%)



Cyan (29%)


Magenta (58%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.8266, 21.7443, 21.1428 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 27.8266, 21.7443, 21.1428 by changing the saturation by 10% instead.


 27.8266, 21.7443,
21.1428


 27.8266, 21.7443,
21.1428


283.7325,
261.2080, 270.8424


 18.3348, 13.6691,
13.0362


 55.6181, 46.3230,
46.2089


 11.2917, 7.8909,
7.3224


 74.6484, 63.5954,
64.0055

 6.3322, 4.0252,
3.5831


 97.5890, 84.7022,
85.8692

 3.0907, 1.6877,
1.3995

 124.8051,
110.0280, 112.2184

 1.2019, 0.4157,
0.1413

156.6622,
139.9570, 143.4719

 0.1079, 0.0000,
0.0000

193.5256,

 0.0000, 0.0000,

174.8738, 180.0479

0.0000

235.7605,
215.1627, 222.3653

■ 27.8266, 21.7443,
21.1428

■ 27.8266, 21.7443,
21.1428

■ 25.3044, 18.0263,
16.2131

■ 30.8777, 26.3075,
26.9045

■ 23.2788, 15.0982,
12.0751

■ 34.4843, 31.7603,
33.5333

■ 21.7163, 12.9034,
8.6870


■ 38.6729, 38.1477,
41.0639


■ 20.5788, 11.3760,
6.0025


■ 43.4680, 45.5108,
49.5285


■ 19.8212, 10.4384,
3.9698


■ 48.8928, 53.8883,
58.9579

 19.3850, 9.9553,
2.6240

 54.9690, 63.3166,
69.3813

 61.7175, 73.8306,
80.8268

 69.1581, 85.4633,
93.3214

 72.3690, 88.3649,
105.2441

Harmonies

Analogous

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



27.3336, 21.7443, 31.3605



27.8266, 21.7443, 21.1428



26.2423, 21.7443, 13.9157

Triad

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



27.8266, 21.7443, 21.1428



16.8969, 21.7443, 11.7998



18.3256, 21.7443, 45.5977

Complementary

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



27.8266, 21.7443, 21.1428



29.4712, 38.9272, 42.0389

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.



15.9437, 21.7443, 37.1798



27.8266, 21.7443, 21.1428



15.1839, 21.7443, 17.3618

Square

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



27.8266, 21.7443, 21.1428



19.7628, 21.7443, 9.5719



14.8551, 21.7443, 26.4035



21.5990, 21.7443, 47.4249

Rectangle

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



27.8266, 21.7443, 21.1428



24.3136, 21.7443, 11.0891



14.8551, 21.7443, 26.4035



17.4051, 21.7443, 43.3524

Sweetspot

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



27.8272, 21.7454, 21.1432



68.2113, 66.7140, 71.6707



29.1091, 21.8485, 46.3991



14.5275, 14.0901, 15.1056



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.8272, 21.7454, 21.1432



45.7566, 32.9235, 29.9070



29.4255, 26.3160, 17.4399



8.5645, 8.5325, 9.2049



13.3843, 6.8713, 1.9176



0.4417, 0.2244, 0.1684

Inverse Universe

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



27.8272, 21.7454, 21.1432



45.7566, 32.9235, 29.9070



26.9813, 31.6160, 48.3965



8.5645, 8.5325, 9.2049



13.3843, 6.8713, 1.9176



0.4417, 0.2244, 0.1684

Previews

White Background



This preview shows how the XYZ color 27.8266, 21.7443, 21.1428 looks on a white background.

Color Contrast Check

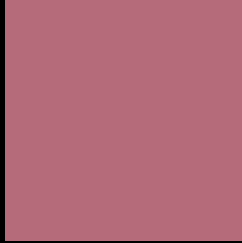
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8266, 21.7443, 21.1428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

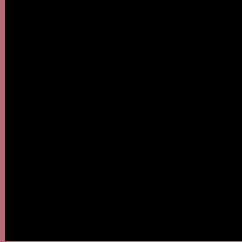
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.8266, 21.7443, 21.1428

Background



This preview shows how black text looks on a background with the XYZ color 27.8266, 21.7443, 21.1428.



This preview shows how white text looks on a background with the XYZ color 27.8266, 21.7443,

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

27.8266, 21.7443, 21.1428

Protanopia

21.2282, 21.9054, 25.6636

Deuteranopia

22.2145, 21.7670, 20.4834



Tritanopia

27.3373, 21.6894, 19.2686

Trichromacy



Original Color

27.8266, 21.7443, 21.1428

Protanomaly

23.1402, 21.4342, 24.0367

Deuteranomaly

23.9691, 21.5820, 20.6717

Tritanomaly

27.4550, 21.7364, 19.8881

Monochromacy



Original Color

27.8266, 21.7443, 21.1428

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.2502, 21.8671, 23.4174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8266, 21.7443, 21.1428 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(181, 107, 122)` looks like.

```
.text, #text, p{  
    color:rgb(181, 107, 122)  
}
```

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(181, 107, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 107, 122) }
```

Border

The CSS property to change the border of an element to XYZ 27.8266, 21.7443, 21.1428 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(181, 107, 122) }
```


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

```
.border{ border-color:rgb(181, 107, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 107, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 107, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 107, 122);  
box-shadow:4px 4px 4px 4px rgb(181, 107,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8266, 21.7443, 21.1428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 107, 122) }
```

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

```
.background{ background-color: rgb(181,  
107, 122) }
```

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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