

Converting Colors

XYZ(28.5384, 22.0554, 17.2921)

Have a look what the booklet for
XYZ(28.5384, 22.0554, 17.2921)
contains.

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Color

**XYZ(28.4079, 21.9770,
17.2127)**

Conversions

Conversions Part 1

Format	Color
Hex	BB6A6D
RGB	187, 106, 109
RGB Percent	73%, 42%, 43%
CMY	0.2667, 0.5843, 0.5725
CMYK	0.00, 0.43, 0.42, 0.27
HSL	358°, 37%, 57%
HSV	358°, 43%, 73%
XYZ	28.4079, 21.9770, 17.2127
YIQ	130.5610, 47.3130, 18.1050

Conversions

Conversions Part 2

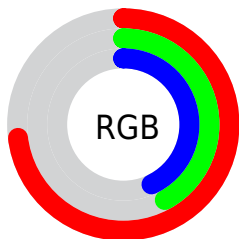
Format	Color
R_{YB}	187, 106, 109
Decimal	12282477
CIE Lab	54.00, 32.57, 12.55
CIE LCh	54, 34.901, 21.080
Yxy	21.9770, 0.4203, 0.3251
Android (android.graphics.Color)	4290472557 (0xFFBB6A6D)
YUV	130.5610, -10.6296, 49.4970
Hunter-Lab	46.8796, 26.1272, 11.0464

Details

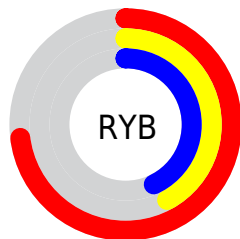
The XYZ color **28.4079, 21.9770, 17.2127** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.3670, 42.0661, 51.7636**, and the grayscale version is **21.4424, 22.5591, 24.5668**.

A 20% lighter version of the original color is **56.3995, 46.7468, 39.3082**, and **11.6437, 8.0014, 5.4882** is the 20% darker color. If you saturate the color by 10%, you get **25.8145, 18.1859, 12.0455**, and if you desaturate by 10%, it is **31.6213, 26.6901, 23.5669**.

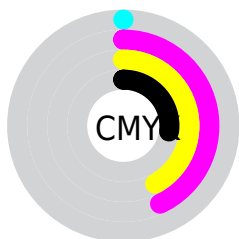
Distribution



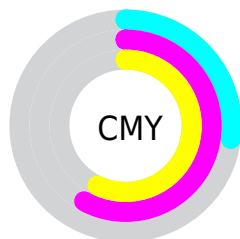
- Red (73%)
- Green (42%)
- Blue (43%)



- Red (73%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (43%)
- Yellow (42%)
- Black (27%)





- Cyan (27%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4079, 21.9770, 17.2127 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 28.4079, 21.9770, 17.2127 by changing the saturation by 10% instead.


 28.4079, 21.9770,
17.2127


 28.4079, 21.9770,
17.2127


286.4558,
262.4261, 248.4805

 18.7754, 13.8400,
10.2227


 56.5391, 46.7080,
39.4868


 11.6111, 8.0095,
5.4393


 75.7685, 64.0708,
55.6079

 6.5498, 4.1010,
2.4441


 98.9276, 85.2776,
75.6099

 3.2260, 1.7302,
0.8103

 126.3818,
110.7128, 99.9111

 1.2744, 0.4431,
0.0000

158.4963,
140.7609, 128.9303

 0.1639, 0.0000,
0.0000

195.6366,

 0.0000, 0.0000,

175.8062, 163.0859

0.0000

238.1679,
216.2332, 202.7964

■ 28.4079, 21.9770,
17.2127

■ 28.4079, 21.9770,
17.2127

■ 25.8145, 18.1859,
12.0455

■ 31.6213, 26.6901,
23.5669

■ 23.7995, 15.2535,
7.9904

■ 35.4891, 32.3765,
31.1740

■ 22.3191, 13.1135,
4.9662


■ 40.0456, 39.0879,
40.0966


■ 21.3223, 11.6889,
2.8799


■ 45.3219, 46.8710,
50.3929


■ 20.7484, 10.8870,
1.6221


■ 51.3472, 55.7701,
62.1173

 20.5314, 10.5800,
1.1586

 58.1493, 65.8266,
75.3216

 65.7543, 77.0800,
90.0548

 73.9940, 89.1810,
106.2991

 74.3035, 89.3048,
107.9291

Harmonies

Analogous

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



28.8985, 21.9770, 27.2946



28.4079, 21.9770, 17.2127



25.7811, 21.9770, 11.1397

Triad

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



28.4079, 21.9770, 17.2127



15.7414, 21.9770, 13.1136



19.7846, 21.9770, 50.8528

Complementary

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



28.4079, 21.9770, 17.2127



32.3670, 42.0661, 51.7636

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.



16.6577, 21.9770, 43.9857



28.4079, 21.9770, 17.2127



14.5149, 21.9770, 20.8525

Square

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



28.4079, 21.9770, 17.2127



18.3885, 21.9770, 9.3159



14.8289, 21.9770, 32.1987



23.6054, 21.9770, 48.9948

Rectangle

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



28.4079, 21.9770, 17.2127



23.3280, 21.9770, 9.1740



14.8289, 21.9770, 32.1987



18.6252, 21.9770, 49.4274

Sweetspot

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



28.4085, 21.9781, 17.2131



71.8117, 70.1392, 71.9892



33.6409, 23.9582, 49.8651



15.3902, 14.8209, 15.0242



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



28.4085, 21.9781, 17.2131



46.4290, 32.8559, 21.9642



32.8359, 31.0866, 17.9068



9.5441, 9.5419, 9.9882



14.1523, 7.2921, 0.8295



0.5593, 0.2876, 0.0585

Inverse Universe

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



28.4085, 21.9781, 17.2131



46.4290, 32.8559, 21.9642



25.9088, 28.6418, 51.1766



9.5441, 9.5419, 9.9882



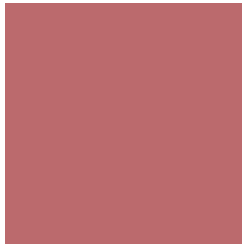
14.1523, 7.2921, 0.8295



0.5593, 0.2876, 0.0585

Previews

White Background



This preview shows how the XYZ color 28.4079, 21.9770, 17.2127 looks on a white background.

Color Contrast Check

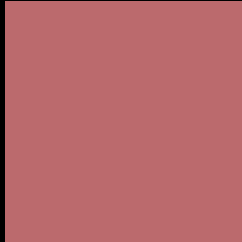
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4079, 21.9770, 17.2127 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 28.4079, 21.9770, 17.2127

Background



This preview shows how black text looks on a background with the XYZ color 28.4079, 21.9770, 17.2127.



This preview shows how white text looks on a background with the XYZ color 28.4079, 21.9770,

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

28.4079, 21.9770, 17.2127

Protanopia

21.1330, 22.1493, 21.2506

Deuteranopia

22.5128, 22.1919, 16.7326



Tritanopia

28.5257, 21.8602, 18.3388

Trichromacy



Original Color

28.4079, 21.9770, 17.2127

Protanomaly

23.1851, 21.7314, 19.8022

Deuteranomaly

24.2365, 21.8049, 16.8413

Tritanomaly

28.4697, 21.8378, 18.0438

Monochromacy



Original Color

28.4079, 21.9770, 17.2127

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.2972, 21.9284, 21.7436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4079, 21.9770, 17.2127 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(187, 106, 109)` looks like.

```
.text, #text, p{  
    color:rgb(187, 106, 109)  
}
```

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(187, 106, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 106, 109) }
```

Border

The CSS property to change the border of an element to XYZ 28.4079, 21.9770, 17.2127 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(187, 106, 109) }
```


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

```
.border{ border-color:rgb(187, 106, 109) }
```

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

Here you see how a box with a 4 pixel rgb(187, 106, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 106, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 106, 109);  
box-shadow:4px 4px 4px 4px rgb(187, 106,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4079, 21.9770, 17.2127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 106, 109) }
```

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

```
.background{ background-color: rgb(187,  
106, 109) }
```

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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