

Converting Colors

XYZ(28.5613, 21.1911, 21.1119)

Have a look what the booklet for
XYZ(28.5613, 21.1911, 21.1119)
contains.

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Color

**XYZ(28.6600, 21.2773,
21.0087)**

Conversions

Conversions Part 1

Format	Color
Hex	BB657A
RGB	187, 101, 122
RGB Percent	73%, 40%, 48%
CMY	0.2667, 0.6039, 0.5216
CMYK	0.00, 0.46, 0.35, 0.27
HSL	345°, 39%, 56%
HSV	345°, 46%, 73%
XYZ	28.6600, 21.2773, 21.0087
YIQ	129.1080, 44.5150, 24.7630

Conversions

Conversions Part 2

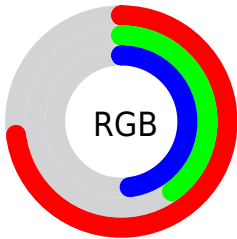
Format	Color
RYB	187, 101, 122
Decimal	12281210
CIELab	53.25, 36.79, 3.83
CIElCh	53, 36.987, 5.944
Yxy	21.2773, 0.4040, 0.2999
Android (android.graphics.Color)	4290471290 (0xFFBB657A)
YUV	129.1080, -3.5042, 50.7713
Hunter-Lab	46.1273, 30.1835, 5.2855

Details

The XYZ color **28.6600, 21.2773, 21.0087** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.0211, 41.0609, 42.4219**, and the grayscale version is **20.9056, 21.9944, 23.9519**.

A 20% lighter version of the original color is **56.8518, 45.5797, 45.8457**, and **11.7799, 7.6874, 7.3415** is the 20% darker color. If you saturate the color by 10%, you get **26.2335, 17.7254, 16.1887**, and if you desaturate by 10%, it is **31.6281, 25.7084, 26.6381**.

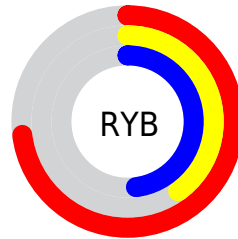
Distribution



Red (73%)

Green (40%)

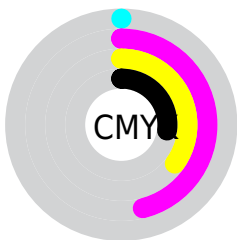
Blue (48%)



Red (73%)

Yellow (40%)

Blue (48%)

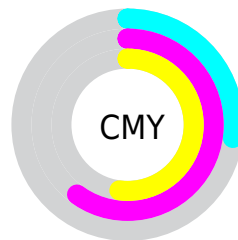


Cyan (0%)

Magenta (46%)

Yellow (35%)

Black (27%)



Cyan (27%)

Magenta (60%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6600, 21.2773, 21.0087 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 28.6600, 21.2773, 21.0087 by changing the saturation by 10% instead.

■ 28.6600, 21.2773,
21.0087

■ 28.6600, 21.2773,
21.0087

287.6306,
258.7485, 270.1073

■ 18.9668, 13.3268,
12.9391

■ 56.9378, 45.5486,
45.9830

■ 11.7501, 7.6540,
7.2564

■ 76.2530, 62.6382,
63.7247

■ 6.6447, 3.8744,
3.5421

■ 99.5063, 83.5430,
85.5276

■ 3.2853, 1.6035,
1.3776

■ 127.0629,
108.6474, 111.8100

■ 1.3064, 0.3600,
0.1242

159.2883,
138.3357, 142.9907

■ 0.1880, 0.0000,
0.0000

196.5478,

■ 0.0000, 0.0000,

172.9924, 179.4881

0.0000

239.2068,
213.0019, 221.7208

■ 28.6600, 21.2773,
21.0087

■ 28.6600, 21.2773,
21.0087

■ 26.2335, 17.7254,
16.1887

■ 31.6281, 25.7084,
26.6381

■ 24.3131, 14.9906,
12.1387

■ 35.1670, 31.0690,
33.1115

■ 22.8614, 13.0076,
8.8174


■ 39.3057, 37.4094,
40.4627


■ 21.8350, 11.6997,
6.1790


■ 44.0708, 44.7752,
48.7232


■ 21.1797, 10.9696,
4.1711


■ 49.4871, 53.2094,
57.9232

 20.9798, 10.7593,
3.5203

 55.5784, 62.7523,
68.0912

 62.3669, 73.4421,
79.2547

 69.8739, 85.3154,
91.4399

 73.3853, 88.9375,
103.0939

Harmonies

Analogous

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



27.8941, 21.2773, 33.0986



28.6600, 21.2773, 21.0087



26.9406, 21.2773, 12.6883

Triad

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



28.6600, 21.2773, 21.0087



16.1239, 21.2773, 9.7429



17.3112, 21.2773, 48.9127

Complementary

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



28.6600, 21.2773, 21.0087



30.0211, 41.0609, 42.4219

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.



14.7273, 21.2773, 38.2424



28.6600, 21.2773, 21.0087



14.1062, 21.2773, 15.4526

Square

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



28.6600, 21.2773, 21.0087



19.4549, 21.2773, 7.6735



13.6299, 21.2773, 25.4691



21.0119, 21.2773, 51.8570

Rectangle

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



28.6600, 21.2773, 21.0087



24.7322, 21.2773, 9.5163



13.6299, 21.2773, 25.4691



16.2989, 21.2773, 45.9740

Sweetspot

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



28.6606, 21.2784, 21.0091



71.8158, 69.1865, 74.9527



29.2454, 20.9495, 49.5159



15.4308, 14.6442, 15.8330



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.



28.6606, 21.2784, 21.0091



47.0219, 31.8007, 29.0710



29.8643, 25.5477, 15.6705



9.6231, 9.5735, 10.4044



14.4798, 7.4231, 2.5545



0.5940, 0.3015, 0.2414

Inverse Universe

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



28.6606, 21.2784, 21.0091



47.0219, 31.8007, 29.0710



27.8828, 33.4463, 51.9998



9.6231, 9.5735, 10.4044



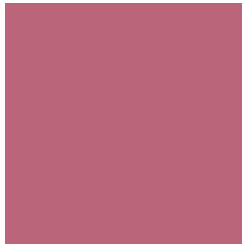
14.4798, 7.4231, 2.5545



0.5940, 0.3015, 0.2414

Previews

White Background



This preview shows how the XYZ color 28.6600, 21.2773, 21.0087 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 28.6600, 21.2773, 21.0087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

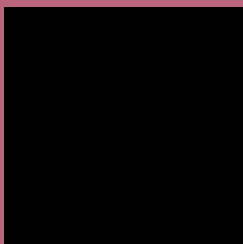
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6600, 21.2773, 21.0087

Background



This preview shows how black text looks on a background with the XYZ color 28.6600, 21.2773, 21.0087.



This preview shows how white text looks on a background with the XYZ color 28.6600, 21.2773,

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

28.6600, 21.2773, 21.0087

Protanopia

20.8571, 21.4969, 26.7169

Deuteranopia

21.6807, 21.3136, 20.1108



Tritanopia

27.9692, 21.2873, 17.6736

Trichromacy



Original Color

28.6600, 21.2773, 21.0087

Protanomaly

23.0377, 21.0124, 24.6714

Deuteranomaly

23.7586, 20.9643, 20.2471

Tritanomaly

28.0956, 21.1797, 18.8269

Monochromacy



Original Color

28.6600, 21.2773, 21.0087

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.9404, 21.1840, 22.6185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6600, 21.2773, 21.0087 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, 101, 122)` looks like.

```
.text, #text, p{  
    color:rgb(187, 101, 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(187, 101, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 101, 122) }
```

Border

The CSS property to change the border of an element to XYZ 28.6600, 21.2773, 21.0087 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, 101, 122) }
```


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

```
.border{ border-color:rgb(187, 101, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 101, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 101, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 101, 122);  
box-shadow:4px 4px 4px 4px rgb(187, 101,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6600, 21.2773, 21.0087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 101, 122) }
```

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

```
.background{ background-color: rgb(187,  
101, 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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