

Converting Colors

XYZ(28.6837, 22.6858, 17.5236)

Have a look what the booklet for
XYZ(28.6837, 22.6858, 17.5236)
contains.

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Color

**XYZ(28.6401, 22.7168,
17.6271)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6E6E
RGB	186, 110, 110
RGB Percent	73%, 43%, 43%
CMY	0.2706, 0.5686, 0.5686
CMYK	0.00, 0.41, 0.41, 0.27
HSL	0°, 36%, 58%
HSV	0°, 41%, 73%
XYZ	28.6401, 22.7168, 17.6271
YIQ	132.7240, 45.2960, 16.1120

Conversions

Conversions Part 2

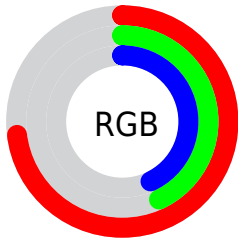
Format	Color
R_{YB}	186, 110, 110
Decimal	12217966
CIE Lab	54.78, 30.13, 13.03
CIE LCh	55, 32.823, 23.391
Yxy	22.7168, 0.4152, 0.3293
Android (android.graphics.Color)	4290408046 (0xFFBA6E6E)
YUV	132.7240, -11.2029, 46.7231
Hunter-Lab	47.6621, 23.8516, 11.4360

Details

The XYZ color **28.6401, 22.7168, 17.6271** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.8513, 41.9759, 52.8250**, and the grayscale version is **22.2225, 23.3798, 25.4606**.

A 20% lighter version of the original color is **56.9270, 48.0361, 40.4539**, and **11.7719, 8.4422, 5.7117** is the 20% darker color. If you saturate the color by 10%, you get **25.9313, 18.7532, 12.2414**, and if you desaturate by 10%, it is **31.9838, 27.6099, 24.2735**.

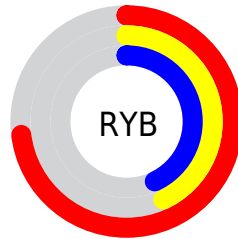
Distribution



Red (73%)

Green (43%)

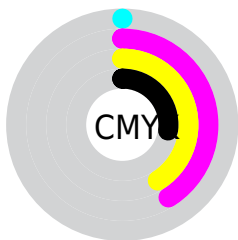
Blue (43%)



Red (73%)

Yellow (43%)

Blue (43%)

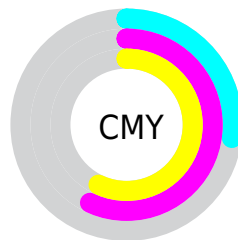


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (27%)



Cyan (27%)


Magenta (57%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6401, 22.7168, 17.6271 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 28.6401, 22.7168, 17.6271 by changing the saturation by 10% instead.


 28.6401, 22.7168,
17.6271


 28.6401, 22.7168,
17.6271


287.5380,
266.2671, 250.9258


 18.9516, 14.3845,
10.5159


 56.9063, 47.9279,
40.2062


 11.7391, 8.3886,
5.6323


 76.2148, 65.5755,
56.5112

 6.6372, 4.3446,
2.5577


 99.4606, 87.0970,
76.7179

 3.2806, 1.8681,
0.8705

 127.0092,
112.8769, 101.2449

 1.3038, 0.5291,
0.0000

159.2259,
143.2994, 130.5106

 0.1861, 0.0000,
0.0000

196.4760,

 0.0000, 0.0000,

178.7490, 164.9336

0.0000

239.1249,
219.6101, 204.9325

■ 28.6401, 22.7168,
17.6271

■ 28.6401, 22.7168,
17.6271

■ 25.9313, 18.7532,
12.2414

■ 31.9838, 27.6099,
24.2735

■ 23.8156, 15.6574,
8.0357

■ 35.9972, 33.4826,
32.2519

■ 22.2492, 13.3651,
4.9219


■ 40.7146, 40.3854,
41.6299


■ 21.1812, 11.8023,
2.7990


■ 46.1673, 48.3643,
52.4699


■ 20.5515, 10.8808,
1.5474

■ 52.3851, 57.4626,
64.8307

 20.2498, 10.4393,
0.9477

 59.3957, 67.7211,
78.7679

 67.2258, 79.1786,
94.3342

 74.0597, 89.1791,
107.9177

Harmonies

Analogous

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



29.2803, 22.7168, 27.1035



28.6401, 22.7168, 17.6271



26.0198, 22.7168, 11.9238

Triad

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



28.6401, 22.7168, 17.6271



16.4668, 22.7168, 14.6397



20.7995, 22.7168, 50.3290

Complementary

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



28.6401, 22.7168, 17.6271



32.8513, 41.9759, 52.8250

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.



17.6967, 22.7168, 44.4637



28.6401, 22.7168, 17.6271



15.3826, 22.7168, 22.5082

Square

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



28.6401, 22.7168, 17.6271



18.9414, 22.7168, 10.5666



15.8063, 22.7168, 33.5346



24.4782, 22.7168, 47.9467

Rectangle

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



28.6401, 22.7168, 17.6271



23.6454, 22.7168, 10.1151



15.8063, 22.7168, 33.5346



19.6603, 22.7168, 49.2133

Sweetspot

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



28.6407, 22.7179, 17.6275



72.5769, 71.4148, 73.0299



34.6886, 25.1363, 49.4778



15.7248, 15.3494, 15.5698



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.



28.6407, 22.7179, 17.6275



47.4654, 34.6693, 23.1092



33.6541, 32.7448, 19.2987



9.0047, 9.0123, 9.3719



13.6235, 7.0233, 0.6376



0.4803, 0.2476, 0.0225

Inverse Universe

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



32.8513, 41.9759, 52.8250



56.1359, 74.3260, 95.5891



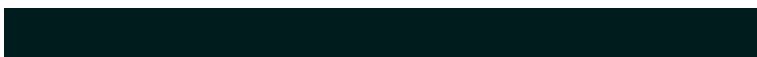
25.8834, 28.0401, 50.5023



9.2667, 10.2106, 11.5619



17.7742, 26.0080, 35.3363



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 28.6401, 22.7168, 17.6271 looks on a white background.

Color Contrast Check

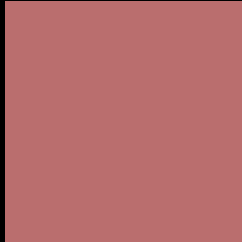
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6401, 22.7168, 17.6271 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 28.6401, 22.7168, 17.6271

Background



This preview shows how black text looks on a background with the XYZ color 28.6401, 22.7168, 17.6271.



This preview shows how white text looks on a background with the XYZ color 28.6401, 22.7168,

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

28.6401, 22.7168, 17.6271

Protanopia

21.7208, 22.8473, 21.3543

Deuteranopia

23.2516, 22.7556, 17.0767



Tritanopia

29.1730, 22.7864, 19.6903

Trichromacy



Original Color

28.6401, 22.7168, 17.6271

Protanomaly

23.6203, 22.3203, 19.8929

Deuteranomaly

24.9403, 22.5150, 17.2187

Tritanomaly

28.9994, 22.7170, 18.7760

Monochromacy



Original Color

28.6401, 22.7168, 17.6271

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.9842, 22.8233, 22.5433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6401, 22.7168, 17.6271 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(186, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(186, 110, 110)  
}
```

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(186, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 110, 110) }
```

Border

The CSS property to change the border of an element to XYZ 28.6401, 22.7168, 17.6271 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(186, 110, 110) }
```


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

```
.border{ border-color:rgb(186, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(186, 110,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6401, 22.7168, 17.6271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 110, 110) }
```

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

```
.background{ background-color: rgb(186,  
110, 110) }
```

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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