

Converting Colors

XYZ(28.8554, 22.7775, 18.6617)

Have a look what the booklet for
XYZ(28.8554, 22.7775, 18.6617)
contains.

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Color

**XYZ(28.8629, 22.8059,
18.8003)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6E72
RGB	186, 110, 114
RGB Percent	73%, 43%, 45%
CMY	0.2706, 0.5686, 0.5529
CMYK	0.00, 0.41, 0.39, 0.27
HSL	357°, 36%, 58%
HSV	357°, 41%, 73%
XYZ	28.8629, 22.8059, 18.8003
YIQ	133.1800, 44.0120, 17.3560

Conversions

Conversions Part 2

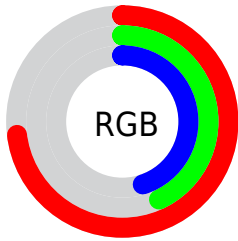
Format	Color
R_{YB}	186, 110, 114
Decimal	12217970
CIE Lab	54.87, 30.59, 10.82
CIE LCh	55, 32.452, 19.483
Yxy	22.8059, 0.4096, 0.3236
Android (android.graphics.Color)	4290408050 (0xFFBA6E72)
YUV	133.1800, -9.4557, 46.3231
Hunter-Lab	47.7555, 24.3112, 10.0877

Details

The XYZ color **28.8629, 22.8059, 18.8003** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.4339, 41.8107, 50.6193**, and the grayscale version is **22.3826, 23.5483, 25.6441**.

A 20% lighter version of the original color is **57.2884, 48.1807, 42.3568**, and **11.8051, 8.3709, 6.1478** is the 20% darker color. If you saturate the color by 10%, you get **26.1543, 18.8423, 13.4164**, and if you desaturate by 10%, it is **32.1871, 27.6915, 25.3433**.

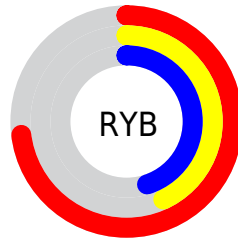
Distribution



Red (73%)

Green (43%)

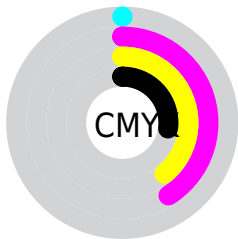
Blue (45%)



Red (73%)

Yellow (43%)

Blue (45%)

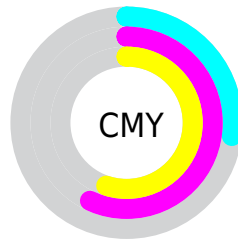


Cyan (0%)

Magenta (41%)

Yellow (39%)

Black (27%)



Cyan (27%)


Magenta (57%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8629, 22.8059, 18.8003 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 28.8629, 22.8059, 18.8003 by changing the saturation by 10% instead.

 28.8629, 22.8059,
18.8003


 28.8629, 22.8059,
18.8003


288.5734,
266.7265, 257.7300


 19.1209, 14.4503,
11.3507


 57.2583, 48.0744,
42.2286


 11.8622, 8.4345,
6.1861


 76.6423, 65.7561,
59.0443

 6.7214, 4.3742,
2.8880


 99.9711, 87.3152,
79.8193

 3.3333, 1.8850,
1.0377

 127.6100,
113.1362, 104.9719

 1.3324, 0.5393,
0.0000

159.9243,
143.6034, 134.9207

 0.2072, 0.0000,
0.0000

197.2794,

 0.0000, 0.0000,

179.1013, 170.0843

0.0000

240.0407,
220.0142, 210.8812

■ 28.8629, 22.8059,
18.8003

■ 28.8629, 22.8059,
18.8003

■ 26.1543, 18.8423,
13.4164

■ 32.1871, 27.6915,
25.3433

■ 24.0219, 15.7396,
9.1227

■ 36.1598, 33.5482,
33.1060

■ 22.4244, 13.4350,
5.8452


■ 40.8133, 40.4259,
42.1467


■ 21.3142, 11.8553,
3.5000


■ 46.1776, 48.3700,
52.5192


■ 20.6354, 10.9143,
1.9899


■ 52.2807, 57.4230,
64.2745

 20.3033, 10.4605,
1.2298

 59.1492, 67.6254,
77.4606

 66.8083, 79.0154,
92.1237

 74.0561, 89.1777,
107.8986

 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.



29.2025, 22.8059, 28.6208



28.8629, 22.8059, 18.8003



26.4812, 22.8059, 12.6236

Triad

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



28.8629, 22.8059, 18.8003



16.8374, 22.8059, 14.0686



20.4397, 22.8059, 49.8052

Complementary

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



28.8629, 22.8059, 18.8003



32.4339, 41.8107, 50.6193

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.



17.4909, 22.8059, 43.1131



28.8629, 22.8059, 18.8003



15.5689, 22.8059, 21.3928

Square

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



28.8629, 22.8059, 18.8003



19.4529, 22.8059, 10.4603



15.7942, 22.8059, 32.0322



24.0630, 22.8059, 48.5428

Rectangle

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



28.8629, 22.8059, 18.8003



24.1888, 22.8059, 10.5291



15.7942, 22.8059, 32.0322



19.3442, 22.8059, 48.3522

Sweetspot

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



28.8635, 22.8070, 18.8007



72.7717, 71.4919, 74.0575



33.4799, 24.5139, 49.4214



15.7714, 15.3679, 15.8157



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.



28.8635, 22.8070, 18.8007



47.8700, 34.8297, 25.2444



32.8774, 31.1908, 19.0410



9.0232, 9.0197, 9.4698



13.6682, 7.0410, 0.8735



0.4883, 0.2508, 0.0650

Inverse Universe

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



28.8635, 22.8070, 18.8007



47.8700, 34.8297, 25.2444



26.6965, 29.6656, 50.7733



9.0232, 9.0197, 9.4698



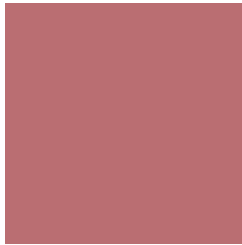
13.6682, 7.0410, 0.8735



0.4883, 0.2508, 0.0650

Previews

White Background



This preview shows how the XYZ color 28.8629, 22.8059, 18.8003 looks on a white background.

Color Contrast Check

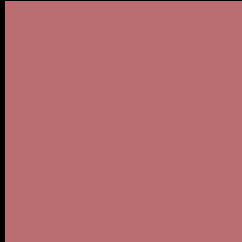
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8629, 22.8059, 18.8003 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 28.8629, 22.8059, 18.8003

Background



This preview shows how black text looks on a background with the XYZ color 28.8629, 22.8059, 18.8003.



This preview shows how white text looks on a background with the XYZ color 28.8629, 22.8059,

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

28.8629, 22.8059, 18.8003

Protanopia

21.9713, 22.9475, 22.6733

Deuteranopia

23.4075, 23.0018, 18.2450



Tritanopia

28.9884, 22.6844, 19.9902

Trichromacy



Original Color

28.8629, 22.8059, 18.8003

Protanomaly

23.8606, 22.4164, 21.1584

Deuteranomaly

25.0718, 22.7371, 18.3965

Tritanomaly

28.9292, 22.6607, 19.6788

Monochromacy



Original Color

28.8629, 22.8059, 18.8003

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.0484, 22.8490, 22.8815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8629, 22.8059, 18.8003 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(186, 110, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 110, 114) }
```

Border

The CSS property to change the border of an element to XYZ 28.8629, 22.8059, 18.8003 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, 114) }
```


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

```
.border{ border-color:rgb(186, 110, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 110, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 110, 114);  
box-shadow:4px 4px 4px 4px rgb(186, 110,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8629, 22.8059, 18.8003 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, 114) }
```

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

```
.background{ background-color: rgb(186,  
110, 114) }
```

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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