

Converting Colors

XYZ(28.4762, 22.8628, 18.0917)

Have a look what the booklet for
XYZ(28.4762, 22.8628, 18.0917)
contains.

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Color

**XYZ(28.3208, 22.7069,
17.9291)**

Conversions

Conversions Part 1

Format	Color
Hex	B86F6F
RGB	184, 111, 111
RGB Percent	72%, 44%, 44%
CMY	0.2784, 0.5647, 0.5647
CMYK	0.00, 0.40, 0.40, 0.28
HSL	0°, 34%, 58%
HSV	0°, 40%, 72%
XYZ	28.3208, 22.7069, 17.9291
YIQ	132.8270, 43.5080, 15.4760

Conversions

Conversions Part 2

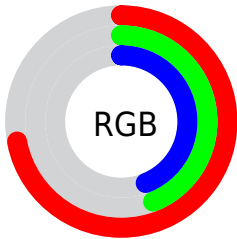
Format	Color
RYB	184, 111, 111
Decimal	12087151
CIELab	54.77, 28.92, 12.39
CIELCh	55, 31.463, 23.199
Yxy	22.7069, 0.4107, 0.3293
Android (android.graphics.Color)	4290277231 (0xFFB86F6F)
YUV	132.8270, -10.7607, 44.8787
Hunter-Lab	47.6518, 22.6971, 11.0482

Details

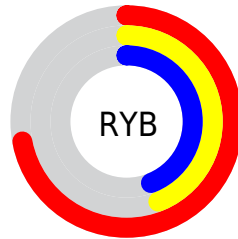
The XYZ color **28.3208, 22.7069, 17.9291** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.3469, 41.1193, 51.5792**, and the grayscale version is **22.2588, 23.4179, 25.5021**.

A 20% lighter version of the original color is **56.5043, 48.0725, 40.9512**, and **11.5219, 8.3933, 5.7154** is the 20% darker color. If you saturate the color by 10%, you get **25.6051, 18.7333, 12.5298**, and if you desaturate by 10%, it is **31.6598, 27.5931, 24.5662**.

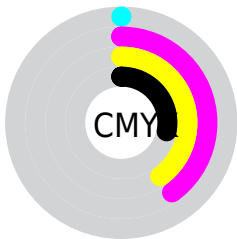
Distribution



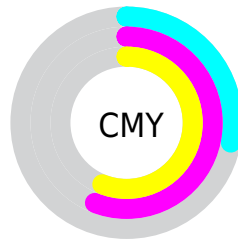
- Red (72%)
- Green (44%)
- Blue (44%)



- Red (72%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (28%)





- Cyan (28%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3208, 22.7069, 17.9291 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 28.3208, 22.7069, 17.9291 by changing the saturation by 10% instead.


 28.3208, 22.7069,
17.9291


 28.3208, 22.7069,
17.9291


286.0490,
266.2160, 252.6938


 18.7093, 14.3772,
10.7302


 56.4013, 47.9116,
40.7288


 11.5632, 8.3835,
5.7738


 75.6010, 65.5554,
57.1666

 6.5171, 4.3413,
2.6415


 98.7275, 87.0728,
77.5212

 3.2056, 1.8663,
0.9138

 126.1461,
112.8480, 102.2110

 1.2634, 0.5280,
0.0000

158.2222,
143.2656, 131.6547

 0.1556, 0.0000,
0.0000

195.3211,

 0.0000, 0.0000,

178.7098, 166.2706

0.0000

237.8083,
219.5652, 206.4775

■ 28.3208, 22.7069,
17.9291

■ 28.3208, 22.7069,
17.9291

■ 25.6051, 18.7333,
12.5298

■ 31.6598, 27.5931,
24.5662

■ 23.4726, 15.6127,
8.2905

■ 35.6557, 33.4401,
32.5097

■ 21.8810, 13.2837,
5.1267


■ 40.3414, 40.2967,
41.8248


■ 20.7818, 11.6752,
2.9417


■ 45.7475, 48.2073,
52.5720


■ 20.1177, 10.7034,
1.6218


■ 51.9025, 57.2138,
64.8081

 19.7770, 10.2049,
0.9446

 58.8335, 67.3557,
78.5869

 19.7672, 10.1906,
0.9251

 66.5661, 78.6706,
93.9594

 73.5771, 88.9303,
107.8951

Harmonies

Analogous

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



28.9158, 22.7069, 27.0587



28.3208, 22.7069, 17.9291



25.8350, 22.7069, 12.3538

Triad

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



28.3208, 22.7069, 17.9291



16.6643, 22.7069, 14.9454



20.8010, 22.7069, 48.9931

Complementary

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



28.3208, 22.7069, 17.9291



32.3469, 41.1193, 51.5792

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.



17.8238, 22.7069, 43.4183



28.3208, 22.7069, 17.9291



15.6069, 22.7069, 22.5275

Square

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



28.3208, 22.7069, 17.9291



19.0569, 22.7069, 10.9818



16.0075, 22.7069, 33.0494



24.3213, 22.7069, 46.7991

Rectangle

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



28.3208, 22.7069, 17.9291



23.5707, 22.7069, 10.5622



16.0075, 22.7069, 33.0494



19.7089, 22.7069, 47.9253

Sweetspot

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



28.3214, 22.7080, 17.9295



70.8620, 69.7303, 71.3104



34.1033, 25.0200, 48.3792



15.0341, 14.6779, 14.8914



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.3214, 22.7080, 17.9295



46.8019, 34.5234, 23.4800



33.1481, 32.3614, 19.5384



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.



32.3469, 41.1193, 51.5792



55.1590, 72.7464, 93.3389



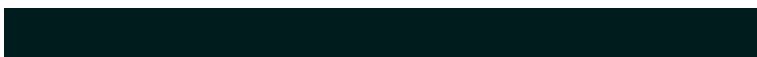
25.7190, 27.8636, 49.3700



9.2667, 10.2106, 11.5619



17.7743, 26.0082, 35.3364



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 28.3208, 22.7069, 17.9291 looks on a white background.

Color Contrast Check

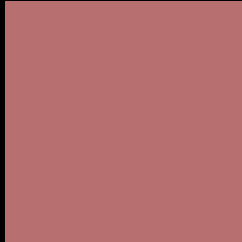
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3208, 22.7069, 17.9291 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 28.3208, 22.7069, 17.9291

Background



This preview shows how black text looks on a background with the XYZ color 28.3208, 22.7069, 17.9291.



This preview shows how white text looks on a background with the XYZ color 28.3208, 22.7069,

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

28.3208, 22.7069, 17.9291

Protanopia

21.7208, 22.8473, 21.3543

Deuteranopia

23.1165, 22.6798, 17.3466



Tritanopia

28.8535, 22.7742, 20.0146

Trichromacy



Original Color

28.3208, 22.7069, 17.9291

Protanomaly

23.5554, 22.4720, 19.9256

Deuteranomaly

24.9075, 22.6714, 17.5312

Tritanomaly

28.6780, 22.7040, 19.0905

Monochromacy



Original Color

28.3208, 22.7069, 17.9291

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 28.3208, 22.7069, 17.9291 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(184, 111, 111)` looks like.

```
.text, #text, p{  
    color:rgb(184, 111, 111)  
}
```

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(184, 111, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 111, 111) }
```

Border

The CSS property to change the border of an element to XYZ 28.3208, 22.7069, 17.9291 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(184, 111, 111) }
```


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

```
.border{ border-color:rgb(184, 111, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 111, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 111, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 111, 111);  
box-shadow:4px 4px 4px 4px rgb(184, 111,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3208, 22.7069, 17.9291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 111, 111) }
```

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

```
.background{ background-color: rgb(184,  
111, 111) }
```

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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