

Converting Colors

XYZ(28.7293, 22.8981, 18.8252)

Have a look what the booklet for
XYZ(28.7293, 22.8981, 18.8252)
contains.

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Color

**XYZ(28.7293, 22.8981,
18.8252)**

Conversions

Conversions Part 1

Format	Color
Hex	B96F72
RGB	185, 111, 114
RGB Percent	73%, 44%, 45%
CMY	0.2745, 0.5647, 0.5529
CMYK	0.00, 0.40, 0.38, 0.27
HSL	358°, 35%, 58%
HSV	358°, 40%, 73%
XYZ	28.7293, 22.8981, 18.8252
YIQ	133.4680, 43.1410, 16.6210

Conversions

Conversions Part 2

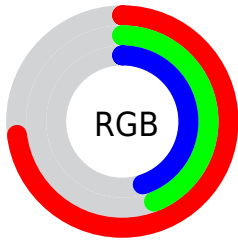
Format	Color
R_{YB}	185, 111, 114
Decimal	12152690
CIE _{Lab}	54.97, 29.66, 10.94
CIE _{LCh}	55, 31.616, 20.243
Yxy	22.8981, 0.4078, 0.3250
Android (android.graphics.Color)	4290342770 (0xFFB96F72)
YUV	133.4680, -9.5977, 45.1936
Hunter-Lab	47.8520, 23.4267, 10.1714

Details

The XYZ color **28.7293, 22.8981, 18.8252** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.3491, 41.4553, 50.5550**, and the grayscale version is **22.4886, 23.6597, 25.7654**.

A 20% lighter version of the original color is **57.1205, 48.3588, 42.4000**, and **11.7593, 8.5057, 6.1762** is the 20% darker color. If you saturate the color by 10%, you get **26.0015, 18.9055, 13.4055**, and if you desaturate by 10%, it is **32.0724, 27.8074, 25.4179**.

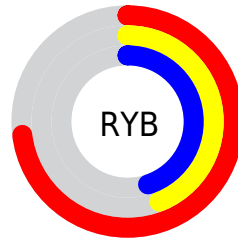
Distribution



Red (73%)

Green (44%)

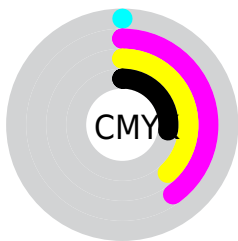
Blue (45%)



Red (73%)

Yellow (44%)

Blue (45%)

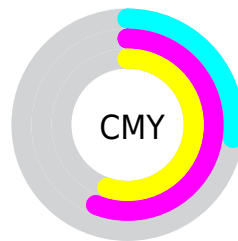


Cyan (0%)

Magenta (40%)

Yellow (38%)

Black (27%)



Cyan (27%)


Magenta (56%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7293, 22.8981, 18.8252 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 28.7293, 22.8981, 18.8252 by changing the saturation by 10% instead.

 28.7293, 22.8981,
18.8252


 28.7293, 22.8981,
18.8252


287.9529,
267.2012, 257.8725


 19.0194, 14.5183,
11.3685


 57.0473, 48.2260,
42.2713


 11.7884, 8.4820,
6.1980


 76.3860, 65.9428,
59.0977

 6.6709, 4.4049,
2.8951


 99.6651, 87.5407,
79.8845

 3.3016, 1.9025,
1.0413

 127.2499,
113.4042, 105.0502

 1.3152, 0.5499,
0.0000

159.5057,
143.9176, 135.0133

 0.1946, 0.0000,
0.0000

196.7979,

 0.0000, 0.0000,

179.4653, 170.1924

0.0000

239.4918,
220.4317, 211.0059

■ 28.7293, 22.8981,
18.8252

■ 28.7293, 22.8981,
18.8252

■ 26.0015, 18.9055,
13.4055

■ 32.0724, 27.8074,
25.4179

■ 23.8498, 15.7698,
9.0887

■ 36.0634, 33.6818,
33.2453

■ 22.2334, 13.4291,
5.7996


■ 40.7344, 40.5702,
42.3663


■ 21.1053, 11.8121,
3.4528


■ 46.1151, 48.5174,
52.8360

■ 20.4103, 10.8347,
1.9492


■ 52.2334, 57.5653,
64.7058

 20.0487, 10.3308,
1.1526

 59.1158, 67.7538,
78.0248

 20.0486, 10.3307,
1.1524

 66.7872, 79.1206,
92.8396

 73.8176, 89.0543,
107.9063

Harmonies

Analogous

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



29.1151, 22.8981, 28.3531



28.7293, 22.8981, 18.8252



26.3713, 22.8981, 12.8305

Triad

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



28.7293, 22.8981, 18.8252



16.9774, 22.8981, 14.5020



20.6402, 22.8981, 49.2413

Complementary

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



28.7293, 22.8981, 18.8252



32.3491, 41.4553, 50.5550

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.



17.7271, 22.8981, 42.9364



28.7293, 22.8981, 18.8252



15.7677, 22.8981, 21.7981

Square

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



28.7293, 22.8981, 18.8252



19.5116, 22.8981, 10.8399



16.0266, 22.8981, 32.2347



24.1833, 22.8981, 47.8164

Rectangle

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



28.7293, 22.8981, 18.8252



24.1258, 22.8981, 10.8078



16.0266, 22.8981, 32.2347



19.5615, 22.8981, 47.9028

Sweetspot

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



28.7299, 22.8992, 18.8256



71.0081, 69.7881, 72.0818



33.5685, 24.7329, 48.9036



15.0683, 14.6914, 15.0718



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.



28.7299, 22.8992, 18.8256



47.1046, 34.6431, 25.0784



32.8963, 31.5005, 19.3868



9.0189, 9.0179, 9.4472



13.6579, 7.0369, 0.8192



0.4865, 0.2501, 0.0552

Inverse Universe

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



28.7299, 22.8992, 18.8256



47.1046, 34.6431, 25.0784



26.4931, 29.2426, 50.1470



9.0189, 9.0179, 9.4472



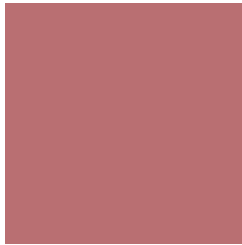
13.6579, 7.0369, 0.8192



0.4865, 0.2501, 0.0552

Previews

White Background



This preview shows how the XYZ color 28.7293, 22.8981, 18.8252 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 28.7293, 22.8981, 18.8252 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 28.7293, 22.8981, 18.8252

Background



This preview shows how black text looks on a background with the XYZ color 28.7293, 22.8981, 18.8252.



This preview shows how white text looks on a background with the XYZ color 28.7293, 22.8981,

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

28.7293, 22.8981, 18.8252

Protanopia

21.9713, 22.9475, 22.6733

Deuteranopia

23.4075, 23.0018, 18.2450



Tritanopia

28.8535, 22.7742, 20.0146

Trichromacy



Original Color

28.7293, 22.8981, 18.8252

Protanomaly

23.9853, 22.6658, 21.1999

Deuteranomaly

25.0718, 22.7371, 18.3965

Tritanomaly

28.7944, 22.7505, 19.7033

Monochromacy



Original Color

28.7293, 22.8981, 18.8252

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 28.7293, 22.8981, 18.8252 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(185, 111, 114)` looks like.

```
.text, #text, p{  
    color:rgb(185, 111, 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(185, 111, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 111, 114) }
```

Border

The CSS property to change the border of an element to XYZ 28.7293, 22.8981, 18.8252 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(185, 111, 114) }
```


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

```
.border{ border-color:rgb(185, 111, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 111, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 111, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 111, 114);  
box-shadow:4px 4px 4px 4px rgb(185, 111,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7293, 22.8981, 18.8252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 111, 114) }
```

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

```
.background{ background-color: rgb(185,  
111, 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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