

Converting Colors

XYZ(28.9027, 23.1013, 18.1486)

Have a look what the booklet for
XYZ(28.9027, 23.1013, 18.1486)
contains.

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Color

**XYZ(28.9685, 23.1973,
18.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7070
RGB	186, 112, 112
RGB Percent	73%, 44%, 44%
CMY	0.2706, 0.5608, 0.5608
CMYK	0.00, 0.40, 0.40, 0.27
HSL	0°, 35%, 58%
HSV	0°, 40%, 73%
XYZ	28.9685, 23.1973, 18.2800
YIQ	134.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

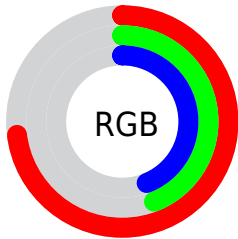
Format	Color
RYB	186, 112, 112
Decimal	12218480
CIELab	55.27, 29.27, 12.56
CIELCh	55, 31.845, 23.221
Yxy	23.1973, 0.4112, 0.3293
Android (android.graphics.Color)	4290408560 (0xFFBA7070)
YUV	134.1260, -10.9081, 45.4935
Hunter-Lab	48.1636, 23.0745, 11.2116

Details

The XYZ color **28.9685, 23.1973, 18.2800** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.1031, 42.1060, 52.8369**, and the grayscale version is **22.7344, 23.9184, 26.0471**.

A 20% lighter version of the original color is **57.4642, 48.8237, 41.5172**, and **11.9088, 8.6710, 5.8965** is the 20% darker color. If you saturate the color by 10%, you get **26.1934, 19.1367, 12.7625**, and if you desaturate by 10%, it is **32.3826, 28.1934, 25.0664**.

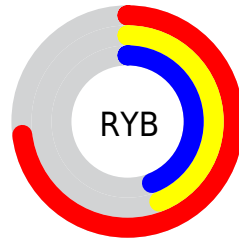
Distribution



Red (73%)

Green (44%)

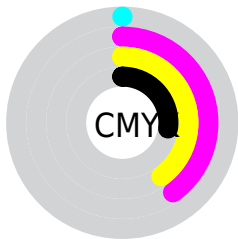
Blue (44%)



Red (73%)

Yellow (44%)

Blue (44%)

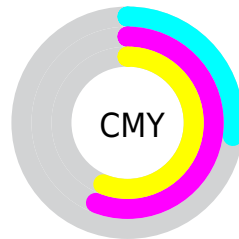


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (27%)



Cyan (27%)

Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9685, 23.1973, 18.2800 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 28.9685, 23.1973, 18.2800 by changing the saturation by 10% instead.


 28.9685, 23.1973,
18.2800


 28.9685, 23.1973,
18.2800


289.0632,
268.7368, 254.7335


 19.2012, 14.7393,
10.9797


 57.4249, 48.7171,
41.3342


 11.9206, 8.6366,
5.9392


 76.8447, 66.5476,
57.9252

 6.7614, 4.5049,
2.7399


 100.2128, 88.2711,
78.4502

 3.3584, 1.9598,
0.9634

 127.8943,
114.2720, 103.3276

 1.3460, 0.5840,
0.0000

160.2548,
144.9346, 132.9762

 0.2172, 0.0000,
0.0000

197.6595,

 0.0000, 0.0000,

180.6433, 167.8143

0.0000

240.4739,
221.7826, 208.2605

■ 28.9685, 23.1973,
18.2800

■ 28.9685, 23.1973,
18.2800

■ 26.1934, 19.1367,
12.7625

■ 32.3826, 28.1934,
25.0664

■ 24.0159, 15.9504,
8.4339

■ 36.4702, 34.1747,
33.1922

■ 22.3927, 13.5752,
5.2073


■ 41.2651, 41.1910,
42.7244


■ 21.2738, 11.9378,
2.9831


■ 46.7988, 49.2883,
53.7252


■ 20.6003, 10.9522,
1.6444


■ 53.1005, 58.5095,
66.2530

 20.2563, 10.4489,
0.9607

 60.1981, 68.8952,
80.3629

 20.2498, 10.4393,
0.9477

 68.1179, 80.4841,
96.1075

 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.



29.5815, 23.1973, 27.6474



28.9685, 23.1973, 18.2800



26.4135, 23.1973, 12.5690

Triad

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



28.9685, 23.1973, 18.2800



17.0001, 23.1973, 15.2310



21.2489, 23.1973, 50.2045

Complementary

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



28.9685, 23.1973, 18.2800



33.1031, 42.1060, 52.8369

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.



18.1927, 23.1973, 44.4755



28.9685, 23.1973, 18.2800



15.9167, 23.1973, 23.0102

Square

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



28.9685, 23.1973, 18.2800



19.4540, 23.1973, 11.1689



16.3286, 23.1973, 33.8179



24.8636, 23.1973, 47.9418

Rectangle

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



28.9685, 23.1973, 18.2800



24.0875, 23.1973, 10.7366



16.3286, 23.1973, 33.8179



20.1277, 23.1973, 49.1080

Sweetspot

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



28.9691, 23.1984, 18.2804



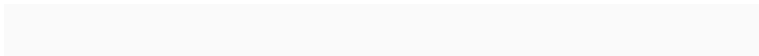
72.5769, 71.4147, 73.0298



34.9069, 25.5728, 49.5506



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.



28.9691, 23.1984, 18.2804



47.9256, 35.3428, 24.0244



33.9219, 33.1040, 19.9314



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.



33.1031, 42.1060, 52.8369



56.4890, 74.5085, 95.6057



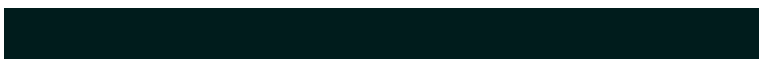
26.2927, 28.4850, 50.5667



9.2667, 10.2106, 11.5619



17.7743, 26.0083, 35.3364



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 28.9685, 23.1973, 18.2800 looks on a white background.

Color Contrast Check

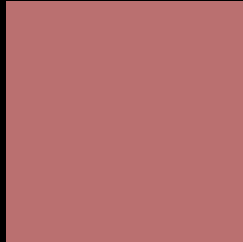
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9685, 23.1973, 18.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

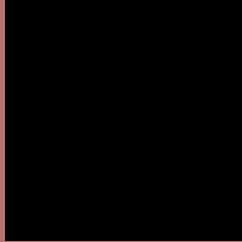
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9685, 23.1973, 18.2800

Background



This preview shows how black text looks on a background with the XYZ color 28.9685, 23.1973, 18.2800.



This preview shows how white text looks on a background with the XYZ color 28.9685, 23.1973,

18.2800.

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

28.9685, 23.1973, 18.2800

Protanopia

22.2453, 23.3109, 21.7394

Deuteranopia

23.8059, 23.4125, 17.7324



Tritanopia

29.5077, 23.2656, 20.3882

Trichromacy



Original Color

28.9685, 23.1973, 18.2800

Protanomaly

24.1212, 22.9438, 20.2968

Deuteranomaly

25.4999, 23.1518, 17.8766

Tritanomaly

29.3303, 23.1946, 19.4541

Monochromacy



Original Color

28.9685, 23.1973, 18.2800

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.3636, 23.2004, 22.9327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9685, 23.1973, 18.2800 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, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(186, 112, 112)  
}
```

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, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 112, 112) }
```

Border

The CSS property to change the border of an element to XYZ 28.9685, 23.1973, 18.2800 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, 112, 112) }
```


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

```
.border{ border-color:rgb(186, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(186, 112,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9685, 23.1973, 18.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 112, 112) }
```

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

```
.background{ background-color: rgb(186,  
112, 112) }
```

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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