

Converting Colors

XYZ(30.3247, 24.0320, 22.1251)

Have a look what the booklet for
XYZ(30.3247, 24.0320, 22.1251)
contains.

XYZ(30.2823, 23.9569, 22.0969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2823, 23.9569,
22.0969)**

Conversions

Conversions Part 1

Format	Color
Hex	BC717C
RGB	188, 113, 124
RGB Percent	74%, 44%, 49%
CMY	0.2627, 0.5568, 0.5137
CMYK	0.00, 0.40, 0.34, 0.26
HSL	351°, 36%, 59%
HSV	351°, 40%, 74%
XYZ	30.2823, 23.9569, 22.0969
YIQ	136.6790, 41.1690, 19.3210

Conversions

Conversions Part 2

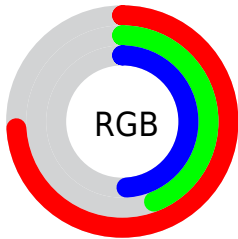
Format	Color
RYB	188, 113, 124
Decimal	12349820
CIELab	56.04, 30.96, 6.68
CIElCh	56, 31.673, 12.182
Yxy	23.9569, 0.3967, 0.3138
Android (android.graphics.Color)	4290539900 (0xFFBC717C)
YUV	136.6790, -6.2507, 45.0085
Hunter-Lab	48.9458, 24.7812, 7.4952

Details

The XYZ color **30.2823, 23.9569, 22.0969** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.7303, 42.6521, 48.1050**, and the grayscale version is **23.6693, 24.9020, 27.1183**.

A 20% lighter version of the original color is **59.4787, 49.9999, 47.5904**, and **12.5632, 8.9685, 7.7256** is the 20% darker color. If you saturate the color by 10%, you get **27.4646, 19.8151, 16.5526**, and if you desaturate by 10%, it is **33.7009, 29.0359, 28.6564**.

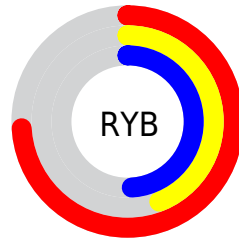
Distribution



Red (74%)

Green (44%)

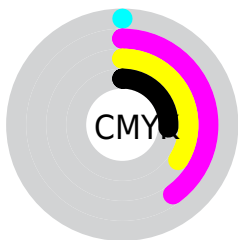
Blue (49%)



Red (74%)

Yellow (44%)

Blue (49%)

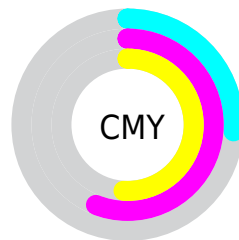


Cyan (0%)

Magenta (40%)

Yellow (34%)

Black (26%)



Cyan (26%)


Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2823, 23.9569, 22.0969 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 30.2823, 23.9569, 22.0969 by changing the saturation by 10% instead.


 30.2823, 23.9569,
22.0969


 30.2823, 23.9569,
22.0969


295.1044,
272.6025, 276.0219


 20.2021, 15.3017,
13.7291


 59.4919, 49.9599,
47.8103


 12.6512, 9.0314,
7.7959


 79.3520, 68.0764,
65.9931

 7.2641, 4.7616,
3.8787


 103.2028, 90.1154,
88.2846

 3.6756, 2.1081,
1.5591

 131.4096,
116.4614, 115.1033

 1.5203, 0.6692,
0.2614

164.3378,
147.4987, 146.8679

 0.3396, 0.0000,
0.0000

202.3528,

 0.0000, 0.0000,

183.6117, 183.9968

0.0000

245.8199,
225.1848, 226.9086

■ 30.2823, 23.9569,
22.0969

■ 30.2823, 23.9569,
22.0969

■ 27.4646, 19.8151,
16.5526

■ 33.7009, 29.0359,
28.6564

■ 25.2107, 16.5499,
11.9711

■ 37.7505, 35.1010,
36.2771

■ 23.4828, 14.0988,
8.2975


■ 42.4616, 42.2020,
45.0039


■ 22.2370, 12.3896,
5.4704


■ 47.8622, 50.3840,
54.8785

■ 21.4226, 11.3375,
3.4208


■ 53.9786, 59.6898,
65.9407


 20.9478, 10.7784,
2.0587

 60.8356, 70.1595,
78.2283

 20.9435, 10.7732,
2.0471

 68.4571, 81.8316,
91.7772

 74.1252, 89.2619,
105.7086

 74.5491, 89.4314,
107.9406

Harmonies

Analogous

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



30.0684, 23.9569, 32.6796



30.2823, 23.9569, 22.0969



28.3333, 23.9569, 14.8494

Triad

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



30.2823, 23.9569, 22.0969



18.4050, 23.9569, 13.9167



20.7042, 23.9569, 50.0665

Complementary

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



30.2823, 23.9569, 22.0969



32.7303, 42.6521, 48.1050

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.



17.9878, 23.9569, 41.9088



30.2823, 23.9569, 22.0969



16.7604, 23.9569, 20.4432

Square

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



30.2823, 23.9569, 22.0969



21.3315, 23.9569, 11.0379



16.6163, 23.9569, 30.5262



24.2724, 23.9569, 50.8549

Rectangle

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



30.2823, 23.9569, 22.0969



26.1789, 23.9569, 12.1178



16.6163, 23.9569, 30.5262



19.6712, 23.9569, 48.0120

Sweetspot

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



30.2829, 23.9581, 22.0974



74.8777, 73.3467, 77.7344



33.0576, 24.7602, 50.6139



15.8562, 15.4018, 16.2622



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.



30.2829, 23.9581, 22.0974



50.2883, 36.6615, 31.0220



32.9894, 30.4225, 19.7577



9.5856, 9.5586, 10.2070



14.2767, 7.3418, 1.4848



0.5777, 0.2950, 0.1553

Inverse Universe

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



30.2829, 23.9581, 22.0974



50.2883, 36.6615, 31.0220



28.7645, 32.8953, 52.4104



9.5856, 9.5586, 10.2070



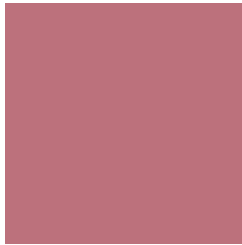
14.2767, 7.3418, 1.4848



0.5777, 0.2950, 0.1553

Previews

White Background



This preview shows how the XYZ color 30.2823, 23.9569, 22.0969 looks on a white background.

Color Contrast Check

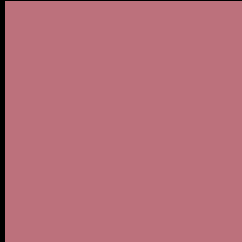
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2823, 23.9569, 22.0969 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 30.2823, 23.9569, 22.0969

Background



This preview shows how black text looks on a background with the XYZ color 30.2823, 23.9569, 22.0969.



This preview shows how white text looks on a background with the XYZ color 30.2823, 23.9569,

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

30.2823, 23.9569, 22.0969

Protanopia

23.2856, 24.1461, 26.7259

Deuteranopia

24.5707, 24.1180, 21.4494



Tritanopia

30.1570, 23.9068, 21.4374

Trichromacy



Original Color

30.2823, 23.9569, 22.0969

Protanomaly

25.3360, 23.6556, 25.0604

Deuteranomaly

26.4464, 23.9274, 21.6369

Tritanomaly

30.2193, 23.9317, 21.7654

Monochromacy



Original Color

30.2823, 23.9569, 22.0969

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.5943, 24.1722, 25.1465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2823, 23.9569, 22.0969 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(188, 113, 124)` looks like.

```
.text, #text, p{  
    color:rgb(188, 113, 124)  
}
```

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(188, 113, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 113, 124) }
```

Border

The CSS property to change the border of an element to XYZ 30.2823, 23.9569, 22.0969 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(188, 113, 124) }
```


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

```
.border{ border-color:rgb(188, 113, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 113, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 113, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 113, 124);  
box-shadow:4px 4px 4px 4px rgb(188, 113,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2823, 23.9569, 22.0969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 113, 124) }
```

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

```
.background{ background-color: rgb(188,  
113, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor