

Converting Colors

XYZ(32.0372, 29.5381, 22.9789)

Have a look what the booklet for
XYZ(32.0372, 29.5381, 22.9789)
contains.

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Color

**XYZ(32.0180, 29.5773,
23.0902)**

Conversions

Conversions Part 1

Format	Color
Hex	B68A7C
RGB	182, 138, 124
RGB Percent	71%, 54%, 49%
CMY	0.2863, 0.4588, 0.5137
CMYK	0.00, 0.24, 0.32, 0.29
HSL	14°, 28%, 60%
HSV	14°, 32%, 71%
XYZ	32.0180, 29.5773, 23.0902
YIQ	149.5600, 30.7180, 4.9740

Conversions

Conversions Part 2

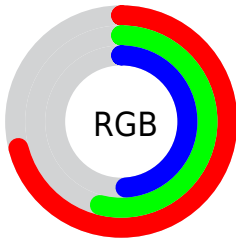
Format	Color
R _Y B	182, 142, 124
Decimal	11963004
CIE Lab	61.29, 14.76, 13.99
CIE LCh	61, 20.338, 43.455
Yxy	29.5773, 0.3781, 0.3493
Android (android.graphics.Color)	4290153084 (0xFFB68A7C)
YUV	149.5600, -12.6011, 28.4499
Hunter-Lab	54.3850, 9.9142, 12.8968

Details

The XYZ color **32.0180, 29.5773, 23.0902** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.7578, 35.6666, 49.5193**, and the grayscale version is **28.8463, 30.3485, 33.0496**.

A 20% lighter version of the original color is **62.3821, 59.2243, 49.7385**, and **13.6618, 12.0766, 8.2676** is the 20% darker color. If you saturate the color by 10%, you get **29.1153, 25.4468, 16.9587**, and if you desaturate by 10%, it is **35.3866, 34.2991, 30.4257**.

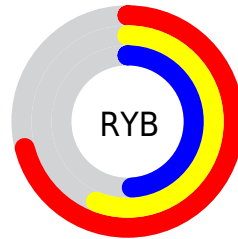
Distribution



Red (71%)

Green (54%)

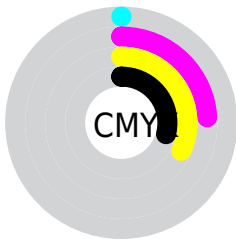
Blue (49%)



Red (71%)

Yellow (56%)

Blue (49%)

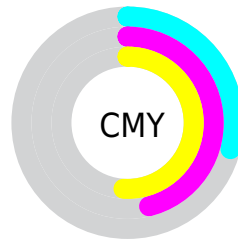


Cyan (0%)

Magenta (24%)

Yellow (32%)

Black (29%)



Cyan (29%)


Magenta (46%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0180, 29.5773, 23.0902 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 32.0180, 29.5773, 23.0902 by changing the saturation by 10% instead.


 32.0180, 29.5773,
23.0902


 32.0180, 29.5773,
23.0902


302.9451,
299.9292, 281.3249


 21.5309, 19.5180,
14.4542


 62.2043, 58.9931,
49.4665

 13.6273, 12.0451,
8.2949


 82.6342, 79.1183,
68.0438

 7.9418, 6.7744,
4.1938


 107.1090,
103.3676, 90.7720

 4.1092, 3.3214,
1.7322

135.9942,
132.1254, 118.0696

 1.7641, 1.3018,
0.3827

169.6550,
165.7760, 150.3552

 0.4959, 0.1426,
0.0000

208.4569,

 0.0000, 0.0000,

204.7039, 188.0472

0.0000

252.7651,
249.2935, 231.5642

■ 32.0180, 29.5773,
23.0902

■ 32.0180, 29.5773,
23.0902

■ 29.1153, 25.4468,
16.9587

■ 35.3866, 34.2991,
30.4257

■ 26.6549, 21.8800,
11.9645

■ 39.2383, 39.6303,
39.0233

■ 24.6148, 18.8532,
8.0374


■ 43.5926, 45.5932,
48.9394


■ 22.9700, 16.3391,
5.0983


■ 48.4670, 52.2078,
60.2265


■ 21.6927, 14.3082,
3.0573

■ 53.8782, 59.4932,
72.9344


 20.7506, 12.7276,
1.8075

 59.8421, 67.4677,
87.1101

 20.1900, 11.7423,
1.2023

 66.3740, 76.1488,
102.7986

 71.0475, 84.5771,
107.1882

 73.1015, 88.6851,
107.8728

Harmonies

Analogous

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



33.4230, 29.5773, 28.8941



32.0180, 29.5773, 23.0902



29.6042, 29.5773, 20.0367

Triad

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



32.0180, 29.5773, 23.0902



23.4600, 29.5773, 28.1854



29.3274, 29.5773, 48.7797

Complementary

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



32.0180, 29.5773, 23.0902



30.7578, 35.6666, 49.5193

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.



26.6715, 29.5773, 48.5087



32.0180, 29.5773, 23.0902



23.3963, 29.5773, 35.7589

Square

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



32.0180, 29.5773, 23.0902



24.7177, 29.5773, 22.6427



24.5380, 29.5773, 43.4483



31.8043, 29.5773, 44.1385

Rectangle

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



32.0180, 29.5773, 23.0902



27.8032, 29.5773, 19.6143



24.5380, 29.5773, 43.4483



28.4237, 29.5773, 49.2798

Sweetspot

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



32.0188, 29.5787, 23.0908



72.4142, 73.6036, 73.6309



33.6107, 27.2053, 40.7540



15.7612, 15.9365, 15.7364



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.



32.0188, 29.5787, 23.0908



54.3934, 48.4364, 34.0997



36.6631, 38.8673, 24.6389



9.1760, 9.3550, 9.4290



14.3024, 8.3812, 0.8639



0.5538, 0.3946, 0.0470

Inverse Universe

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



30.7578, 35.6666, 49.5193



51.7468, 61.1298, 89.3076



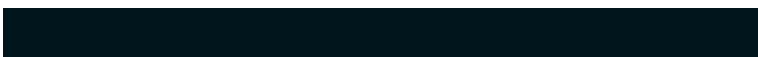
26.0563, 26.2635, 47.9522



9.0780, 9.8332, 11.4990



12.4403, 15.3403, 33.5584



0.4835, 0.6307, 1.1980

Previews

White Background



This preview shows how the XYZ color 32.0180, 29.5773, 23.0902 looks on a white background.

Color Contrast Check

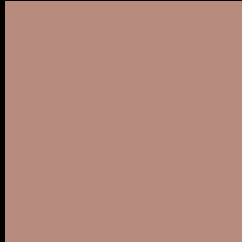
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0180, 29.5773, 23.0902 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 32.0180, 29.5773, 23.0902

Background



This preview shows how black text looks on a background with the XYZ color 32.0180, 29.5773, 23.0902.



This preview shows how white text looks on a background with the XYZ color 32.0180, 29.5773,

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

32.0180, 29.5773, 23.0902

Protanopia

28.0699, 29.7334, 25.0285

Deuteranopia

30.1922, 29.7329, 22.8866



Tritanopia

33.5420, 29.5626, 30.7264

Trichromacy



Original Color

32.0180, 29.5773, 23.0902

Protanomaly

29.3211, 29.4782, 24.2231

Deuteranomaly

30.7792, 29.5938, 22.8288

Tritanomaly

32.8480, 29.4817, 27.6262

Monochromacy



Original Color

32.0180, 29.5773, 23.0902

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.9869, 30.1622, 29.4407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0180, 29.5773, 23.0902 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(182, 138, 124)` looks like.

```
.text, #text, p{  
    color:rgb(182, 138, 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(182, 138, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 138, 124) }
```

Border

The CSS property to change the border of an element to XYZ 32.0180, 29.5773, 23.0902 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(182, 138, 124) }
```


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

```
.border{ border-color:rgb(182, 138, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 138, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 138, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 138, 124);  
box-shadow:4px 4px 4px 4px rgb(182, 138,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0180, 29.5773, 23.0902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 138, 124) }
```

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

```
.background{ background-color: rgb(182,  
138, 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](#).

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