

Converting Colors

XYZ(32.4080, 29.5847, 22.0809)

Have a look what the booklet for
XYZ(32.4080, 29.5847, 22.0809)
contains.

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Color

**XYZ(32.4044, 29.5861,
22.0919)**

Conversions

Conversions Part 1

Format	Color
Hex	B98979
RGB	185, 137, 121
RGB Percent	73%, 54%, 47%
CMY	0.2745, 0.4627, 0.5255
CMYK	0.00, 0.26, 0.35, 0.27
HSL	15°, 31%, 60%
HSV	15°, 35%, 73%
XYZ	32.4044, 29.5861, 22.0919
YIQ	149.5280, 33.7440, 5.2000

Conversions

Conversions Part 2

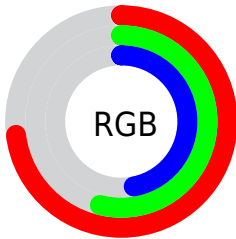
Format	Color
R_{YB}	185, 142, 121
Decimal	12159353
CIE _{Lab}	61.30, 16.12, 15.75
CIE _{LCh}	61, 22.537, 44.319
Yxy	29.5861, 0.3854, 0.3519
Android (android.graphics.Color)	4290349433 (0xFFB98979)
YUV	149.5280, -14.0643, 31.1089
Hunter-Lab	54.3931, 11.1525, 13.9944

Details

The XYZ color **32.4044, 29.5861, 22.0919** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.8294, 35.9422, 51.2115**, and the grayscale version is **28.8378, 30.3397, 33.0399**.

A 20% lighter version of the original color is **62.7916, 59.1560, 47.6439**, and **13.7838, 12.0301, 7.7264** is the 20% darker color. If you saturate the color by 10%, you get **29.5300, 25.4820, 16.0632**, and if you desaturate by 10%, it is **35.7516, 34.2872, 29.3522**.

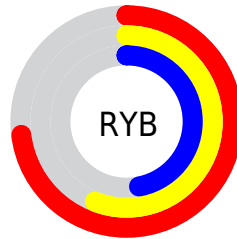
Distribution



Red (73%)

Green (54%)

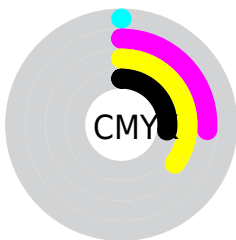
Blue (47%)



Red (73%)

Yellow (56%)

Blue (47%)

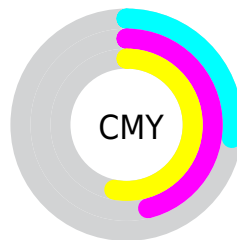


Cyan (0%)

Magenta (26%)

Yellow (35%)

Black (27%)



Cyan (27%)


Magenta (46%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4044, 29.5861, 22.0919 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 32.4044, 29.5861, 22.0919 by changing the saturation by 10% instead.


 32.4044, 29.5861,
22.0919


 32.4044, 29.5861,
22.0919


304.6700,
299.9704, 275.9950

 21.8276, 19.5246,
13.7255


 62.8054, 59.0070,
47.8020

 13.8462, 12.0500,
7.7934


 83.3604, 79.1352,
65.9827

 8.0947, 6.7777,
3.8772


 107.9722,
103.3878, 88.2720

 4.2079, 3.3235,
1.5582

137.0061,
132.1492, 115.0883

 1.8204, 1.3029,
0.2607

170.8274,
165.8038, 146.8502

 0.5299, 0.1434,
0.0000

209.8016,

 0.0000, 0.0000,

204.7359, 183.9763

0.0000

254.2940,
249.3300, 226.8850

■ 32.4044, 29.5861,
22.0919

■ 32.4044, 29.5861,
22.0919

■ 29.5300, 25.4820,
16.0632

■ 35.7516, 34.2872,
29.3522

■ 27.1040, 21.9467,
11.1953

■ 39.5897, 39.6040,
37.9059

■ 25.1031, 18.9555,
7.4132


■ 43.9390, 45.5593,
47.8126


■ 23.5011, 16.4804,
4.6318


■ 48.8176, 52.1737,
59.1279


■ 22.2684, 14.4909,
2.7537

■ 54.2429, 59.4666,
71.9040


 21.3705, 12.9525,
1.6609

 60.2314, 67.4569,
86.1906

 20.9948, 12.2888,
1.2654

 66.7989, 76.1626,
102.0350

 71.6234, 84.6660,
107.1750

 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.



34.0204, 29.5861, 28.3390



32.4044, 29.5861, 22.0919



29.6915, 29.5861, 18.9021

Triad

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



32.4044, 29.5861, 22.0919



22.9765, 29.5861, 27.9956



29.5558, 29.5861, 50.7865

Complementary

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



32.4044, 29.5861, 22.0919



30.8294, 35.9422, 51.2115

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.



26.6063, 29.5861, 50.6503



32.4044, 29.5861, 22.0919



22.9458, 29.5861, 36.4276

Square

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



32.4044, 29.5861, 22.0919



24.3192, 29.5861, 21.8788



24.2322, 29.5861, 45.0347



32.2990, 29.5861, 45.3792

Rectangle

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



32.4044, 29.5861, 22.0919



27.6932, 29.5861, 18.5110



24.2322, 29.5861, 45.0347



28.5526, 29.5861, 51.4139

Sweetspot

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



32.4052, 29.5875, 22.0925



74.2412, 75.5128, 75.4454



34.0065, 26.8538, 40.9272



15.7744, 15.9630, 15.7408



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.



32.4052, 29.5875, 22.0925



53.8070, 46.9606, 30.6644



37.6468, 40.0708, 23.8397



9.1822, 9.3674, 9.4310



14.3455, 8.4674, 0.8783



0.5564, 0.3999, 0.0479

Inverse Universe

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



30.8294, 35.9422, 51.2115



50.5150, 60.1239, 91.1473



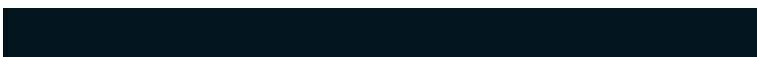
25.5880, 25.4593, 49.4644



9.0714, 9.8200, 11.4968



12.2835, 15.0268, 33.5061



0.4790, 0.6217, 1.1965

Previews

White Background



This preview shows how the XYZ color 32.4044, 29.5861, 22.0919 looks on a white background.

Color Contrast Check

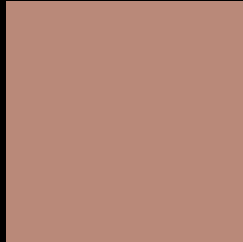
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4044, 29.5861, 22.0919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

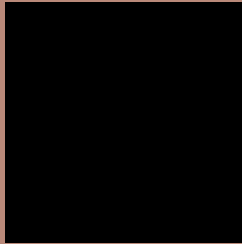
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4044, 29.5861, 22.0919

Background



This preview shows how black text looks on a background with the XYZ color 32.4044, 29.5861, 22.0919.



This preview shows how white text looks on a background with the XYZ color 32.4044, 29.5861,

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

32.4044, 29.5861, 22.0919

Protanopia

28.0661, 29.7541, 24.0025

Deuteranopia

30.0764, 29.4727, 21.8729



Tritanopia

34.0527, 29.6286, 30.3097

Trichromacy



Original Color

32.4044, 29.5861, 22.0919

Protanomaly

29.5477, 29.6172, 23.2282

Deuteranomaly

30.8997, 29.4593, 21.8269

Tritanomaly

33.3576, 29.5446, 27.2371

Monochromacy



Original Color

32.4044, 29.5861, 22.0919

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.8899, 29.9014, 28.6223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4044, 29.5861, 22.0919 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, 137, 121)` looks like.

```
.text, #text, p{  
    color:rgb(185, 137, 121)  
}
```

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, 137, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 137, 121) }
```

Border

The CSS property to change the border of an element to XYZ 32.4044, 29.5861, 22.0919 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, 137, 121) }
```


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

```
.border{ border-color:rgb(185, 137, 121) }
```

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

Here you see how a box with a 4 pixel rgb(185, 137, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 137, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 137, 121);  
box-shadow:4px 4px 4px 4px rgb(185, 137,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4044, 29.5861, 22.0919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 137, 121) }
```

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

```
.background{ background-color: rgb(185,  
137, 121) }
```

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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