

Converting Colors

XYZ(32.3383, 28.9267, 21.3318)

Have a look what the booklet for
XYZ(32.3383, 28.9267, 21.3318)
contains.

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Color

**XYZ(32.3484, 28.9469,
21.3351)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8677
RGB	187, 134, 119
RGB Percent	73%, 53%, 47%
CMY	0.2667, 0.4745, 0.5333
CMYK	0.00, 0.28, 0.36, 0.27
HSL	13°, 33%, 60%
HSV	13°, 36%, 73%
XYZ	32.3484, 28.9469, 21.3351
YIQ	148.1370, 36.4030, 6.5710

Conversions

Conversions Part 2

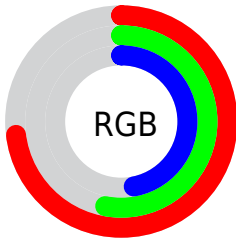
Format	Color
R_{YB}	187, 138, 119
Decimal	12289655
CIE _{Lab}	60.73, 18.34, 16.14
CIE _{LCh}	61, 24.428, 41.343
Yxy	28.9469, 0.3915, 0.3503
Android (android.graphics.Color)	4290479735 (0xFFBB8677)
YUV	148.1370, -14.3645, 34.0829
Hunter-Lab	53.8023, 13.1682, 14.1504

Details

The XYZ color **32.3484, 28.9469, 21.3351** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.3294, 37.0135, 52.5069**, and the grayscale version is **28.2536, 29.7249, 32.3705**.

A 20% lighter version of the original color is **62.7772, 57.8934, 46.3939**, and **13.8234, 11.7011, 7.4912** is the 20% darker color. If you saturate the color by 10%, you get **29.4566, 24.7872, 15.3650**, and if you desaturate by 10%, it is **35.7403, 33.7530, 28.5627**.

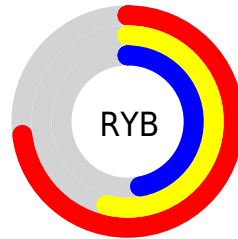
Distribution



Red (73%)

Green (53%)

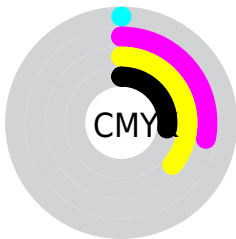
Blue (47%)



Red (73%)

Yellow (54%)

Blue (47%)

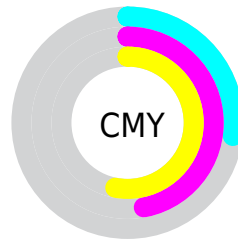


Cyan (0%)

Magenta (28%)

Yellow (36%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3484, 28.9469, 21.3351 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 32.3484, 28.9469, 21.3351 by changing the saturation by 10% instead.


 32.3484, 28.9469,
21.3351


 32.3484, 28.9469,
21.3351


304.4204,
296.9643, 271.8933

 21.7846, 19.0407,
13.1755


 62.7184, 57.9927,
46.5326

 13.8144, 11.6997,
7.4174


 83.2553, 77.9011,
64.4076

 8.0725, 6.5395,
3.6421


 107.8472,
101.9122, 86.3581

 4.1936, 3.1758,
1.4311

136.8596,
130.4106, 112.8028

 1.8122, 1.2242,
0.1658

170.6578,
163.7807, 144.1601

 0.5250, 0.0813,
0.0000

209.6070,

 0.0000, 0.0000,

202.4067, 180.8486

0.0000

254.0728,
246.6731, 223.2869

■ 32.3484, 28.9469,
21.3351

■ 32.3484, 28.9469,
21.3351

■ 29.4566, 24.7872,
15.3650

■ 35.7403, 33.7530,
28.5627

■ 27.0384, 21.2420,
10.5783

■ 39.6526, 39.2274,
37.1126

■ 25.0681, 18.2828,
6.8958


■ 44.1074, 45.3960,
47.0471


■ 23.5164, 15.8771,
4.2279


■ 49.1245, 52.2823,
58.4242


■ 22.3504, 13.9891,
2.4705


■ 54.7229, 59.9084,
71.2985


 21.5299, 12.5779,
1.4883

 60.9207, 68.2956,
85.7218

 21.2955, 12.1688,
1.2264

 67.7352, 77.4644,
101.7433

 72.9147, 86.5271,
107.4661

 74.3035, 89.3048,
107.9291

Harmonies

Analogous

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



33.9334, 28.9469, 28.2077



32.3484, 28.9469, 21.3351



29.5098, 28.9469, 17.7020

Triad

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



32.3484, 28.9469, 21.3351



22.1322, 28.9469, 26.2565



28.7296, 28.9469, 51.9219

Complementary

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



32.3484, 28.9469, 21.3351



31.3294, 37.0135, 52.5069

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.



25.6087, 28.9469, 51.1219



32.3484, 28.9469, 21.3351



21.9585, 28.9469, 35.0782

Square

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



32.3484, 28.9469, 21.3351



23.6796, 28.9469, 20.1438



23.1855, 28.9469, 44.5146



31.7396, 28.9469, 46.5268

Rectangle

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



32.3484, 28.9469, 21.3351



27.3706, 28.9469, 17.0879



23.1855, 28.9469, 44.5146



27.6563, 28.9469, 52.3923

Sweetspot

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



32.3491, 28.9483, 21.3357



75.0311, 75.8268, 75.3781



34.5626, 26.7475, 42.5054



16.2856, 16.3693, 16.0703



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.



32.3491, 28.9483, 21.3357



53.5525, 45.5473, 29.1350



37.7769, 39.8038, 23.1449



9.6963, 9.8686, 9.9704



14.7179, 8.4745, 0.8600



0.6264, 0.4317, 0.0503

Inverse Universe

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



31.3294, 37.0135, 52.5069



51.4242, 62.1545, 93.4881



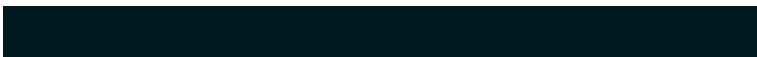
25.7044, 25.7637, 50.6319



9.6251, 10.4426, 12.1805



13.2899, 16.6915, 34.9142



0.5656, 0.7439, 1.3826

Previews

White Background



This preview shows how the XYZ color 32.3484, 28.9469, 21.3351 looks on a white background.

Color Contrast Check

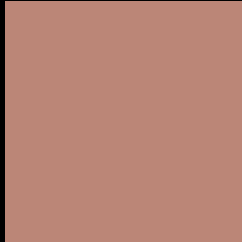
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3484, 28.9469, 21.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

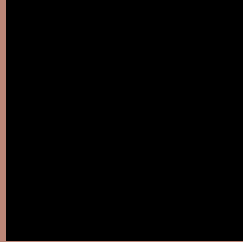
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3484, 28.9469, 21.3351

Background



This preview shows how black text looks on a background with the XYZ color 32.3484, 28.9469, 21.3351.



This preview shows how white text looks on a background with the XYZ color 32.3484, 28.9469,

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

32.3484, 28.9469, 21.3351

Protanopia

27.3070, 28.9085, 23.5427

Deuteranopia

29.5895, 29.0157, 21.1806



Tritanopia

33.9103, 28.9745, 29.0047

Trichromacy



Original Color

32.3484, 28.9469, 21.3351

Protanomaly

28.9740, 28.8831, 22.7868

Deuteranomaly

30.4900, 28.8321, 21.0977

Tritanomaly

33.2239, 28.8873, 26.0150

Monochromacy



Original Color

32.3484, 28.9469, 21.3351

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.2381, 29.1324, 27.7490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3484, 28.9469, 21.3351 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(187, 134, 119)` looks like.

```
.text, #text, p{  
    color:rgb(187, 134, 119)  
}
```

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(187, 134, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 134, 119) }
```

Border

The CSS property to change the border of an element to XYZ 32.3484, 28.9469, 21.3351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

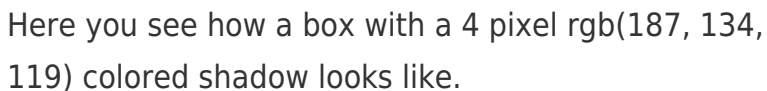
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 134, 119) }
```


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

```
.border{ border-color:rgb(187, 134, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 134, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 134, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 134, 119); box-shadow:4px 4px 4px 4px rgb(187, 134, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3484, 28.9469, 21.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 134, 119) }
```

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

```
.background{ background-color: rgb(187,  
134, 119) }
```

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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