

Converting Colors

XYZ(32.7690, 29.6853, 21.6546)

Have a look what the booklet for
XYZ(32.7690, 29.6853, 21.6546)
contains.

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Color

**XYZ(32.8293, 29.8122,
21.7933)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8978
RGB	187, 137, 120
RGB Percent	73%, 54%, 47%
CMY	0.2667, 0.4627, 0.5294
CMYK	0.00, 0.27, 0.36, 0.27
HSL	15°, 33%, 60%
HSV	15°, 36%, 73%
XYZ	32.8293, 29.8122, 21.7933
YIQ	150.0120, 35.2570, 5.3130

Conversions

Conversions Part 2

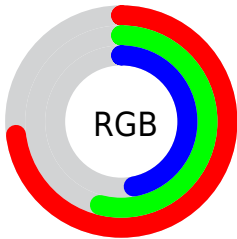
Format	Color
R_{YB}	187, 143, 120
Decimal	12290424
CIE _{Lab}	61.49, 16.80, 16.62
CIE _{LCh}	61, 23.628, 44.688
Yxy	29.8122, 0.3888, 0.3531
Android (android.graphics.Color)	4290480504 (0xFFBB8978)
YUV	150.0120, -14.7959, 32.4385
Hunter-Lab	54.6005, 11.7745, 14.5553

Details

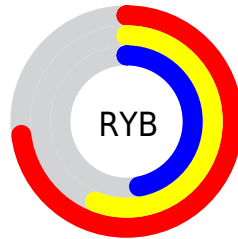
The XYZ color **32.8293, 29.8122, 21.7933** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.0894, 36.3289, 52.3872**, and the grayscale version is **29.0455, 30.5581, 33.2778**.

A 20% lighter version of the original color is **63.3854, 59.4733, 47.1684**, and **14.0612, 12.1769, 7.5705** is the 20% darker color. If you saturate the color by 10%, you get **29.9465, 25.6889, 15.7695**, and if you desaturate by 10%, it is **36.1919, 34.5402, 29.0711**.

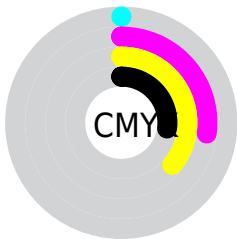
Distribution



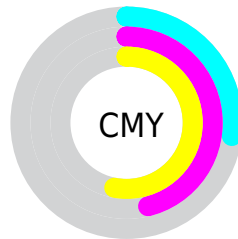
- Red (73%)
- Green (54%)
- Blue (47%)



- Red (73%)
- Yellow (56%)
- Blue (47%)



- Cyan (0%)
- Magenta (27%)
- Yellow (36%)
- Black (27%)





- Cyan (27%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8293, 29.8122, 21.7933 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 32.8293, 29.8122, 21.7933 by changing the saturation by 10% instead.


 32.8293, 29.8122,
21.7933


 32.8293, 29.8122,
21.7933


306.5585,
301.0281, 274.3831


 22.1543, 19.6961,
13.5082


 63.4654, 59.3651,
47.3019

 14.0876, 12.1743,
7.6446


 84.1572, 79.5706,
65.3626

 8.2637, 6.8625,
3.7839


 108.9187,
103.9081, 87.5188

 4.3174, 3.3763,
1.5076

138.1152,
132.7618, 114.1892

 1.8832, 1.3312,
0.2235

172.1121,
166.5163, 145.7923

 0.5670, 0.1652,
0.0000

211.2747,

 0.0000, 0.0000,

205.5559, 182.7466

0.0000

255.9683,
250.2651, 225.4707

■ 32.8293, 29.8122,
21.7933

■ 32.8293, 29.8122,
21.7933

■ 29.9465, 25.6889,
15.7695

■ 36.1919, 34.5402,
29.0711

■ 27.5184, 22.1412,
10.9264

■ 40.0530, 39.8917,
37.6669

■ 25.5212, 19.1440,
7.1858


■ 44.4334, 45.8903,
47.6425


■ 23.9275, 16.6688,
4.4593


■ 49.3517, 52.5567,
59.0552


■ 22.7067, 14.6839,
2.6444


■ 54.8258, 59.9111,
71.9590


 21.8222, 13.1538,
1.6128

 60.8725, 67.9723,
86.4053

 21.5285, 12.6348,
1.3041

 67.5081, 76.7589,
102.4428

 72.3071, 85.3120,
107.2636

 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.



34.5594, 29.8122, 28.2868



32.8293, 29.8122, 21.7933



29.9534, 29.8122, 18.5224

Triad

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



32.8293, 29.8122, 21.7933



22.9225, 29.8122, 28.1217



29.8878, 29.8122, 52.1313

Complementary

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



32.8293, 29.8122, 21.7933



31.0894, 36.3289, 52.3872

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.



26.7771, 29.8122, 52.0647



32.8293, 29.8122, 21.7933



22.9078, 29.8122, 37.0257

Square

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



32.8293, 29.8122, 21.7933



24.3137, 29.8122, 21.6917



24.2719, 29.8122, 46.1399



32.7782, 29.8122, 46.3078

Rectangle

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



32.8293, 29.8122, 21.7933



27.8470, 29.8122, 18.1441



24.2719, 29.8122, 46.1399



28.8299, 29.8122, 52.8271

Sweetspot

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



32.8301, 29.8136, 21.7939



75.2656, 76.2958, 75.4563



34.4894, 26.9097, 41.5307



16.3427, 16.4834, 16.0894



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.



32.8301, 29.8136, 21.7939



54.6659, 47.4962, 30.3626



38.3053, 40.7642, 23.6190



9.7217, 9.9194, 9.9789



14.8832, 8.8053, 0.9152



0.6374, 0.4537, 0.0540

Inverse Universe

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



31.0894, 36.3289, 52.3872



51.0674, 60.8520, 93.2555



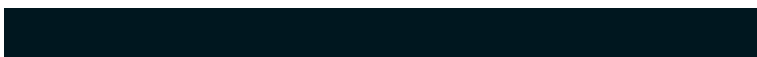
25.6258, 25.4015, 50.5660



9.5980, 10.3883, 12.1715



12.6556, 15.4230, 34.7028



0.5452, 0.7030, 1.3758

Previews

White Background



This preview shows how the XYZ color 32.8293, 29.8122, 21.7933 looks on a white background.

Color Contrast Check

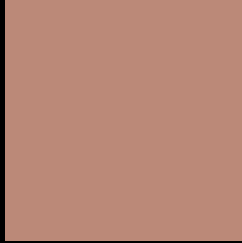
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8293, 29.8122, 21.7933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

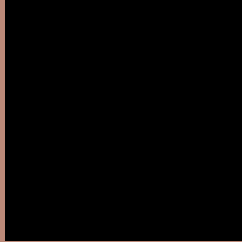
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.8293, 29.8122, 21.7933

Background



This preview shows how black text looks on a background with the XYZ color 32.8293, 29.8122, 21.7933.



This preview shows how white text looks on a background with the XYZ color 32.8293, 29.8122,

21.7933.

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

32.8293, 29.8122, 21.7933

Protanopia

28.2604, 29.8543, 24.0116

Deuteranopia

30.3858, 29.8611, 21.6150



Tritanopia

34.5454, 29.8826, 30.3327

Trichromacy



Original Color

32.8293, 29.8122, 21.7933

Protanomaly

29.7598, 29.7266, 23.2381

Deuteranomaly

31.2147, 29.8466, 21.5685

Tritanomaly

33.7762, 29.7686, 26.8874

Monochromacy



Original Color

32.8293, 29.8122, 21.7933

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 32.8293, 29.8122, 21.7933 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, 137, 120)` looks like.

```
.text, #text, p{  
    color:rgb(187, 137, 120)  
}
```

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, 137, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 137, 120) }
```

Border

The CSS property to change the border of an element to XYZ 32.8293, 29.8122, 21.7933 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, 137, 120) }
```


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

```
.border{ border-color:rgb(187, 137, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 137, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 137, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 137, 120);  
box-shadow:4px 4px 4px 4px rgb(187, 137,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8293, 29.8122, 21.7933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 137, 120) }
```

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

```
.background{ background-color: rgb(187,  
137, 120) }
```

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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