

Converting Colors

XYZ(32.6317, 27.8029, 21.5714)

Have a look what the booklet for
XYZ(32.6317, 27.8029, 21.5714)
contains.

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Color

**XYZ(32.5952, 27.8708,
21.4309)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8078
RGB	191, 128, 120
RGB Percent	75%, 50%, 47%
CMY	0.2510, 0.4980, 0.5294
CMYK	0.00, 0.33, 0.37, 0.25
HSL	7°, 36%, 61%
HSV	7°, 37%, 75%
XYZ	32.5952, 27.8708, 21.4309
YIQ	145.9250, 40.1160, 10.8680

Conversions

Conversions Part 2

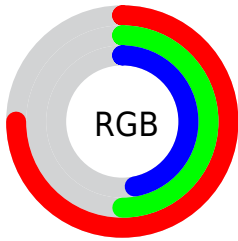
Format	Color
R_{YB}	191, 129, 120
Decimal	12550264
CIE _{Lab}	59.77, 23.38, 14.30
CIE _{LCh}	60, 27.404, 31.460
Yxy	27.8708, 0.3980, 0.3403
Android (android.graphics.Color)	4290740344 (0xFFBF8078)
YUV	145.9250, -12.7810, 39.5308
Hunter-Lab	52.7928, 17.8216, 12.8866

Details

The XYZ color **32.5952, 27.8708, 21.4309** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **34.0824, 41.6199, 55.5273**, and the grayscale version is **27.3307, 28.7541, 31.3132**.

A 20% lighter version of the original color is **63.0372, 56.1660, 46.5484**, and **13.8858, 11.0676, 7.5353** is the 20% darker color. If you saturate the color by 10%, you get **29.5208, 23.3957, 15.2464**, and if you desaturate by 10%, it is **36.2715, 33.1795, 28.9573**.

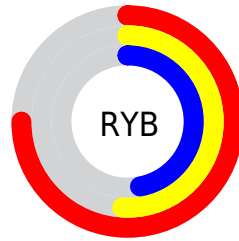
Distribution



Red (75%)

Green (50%)

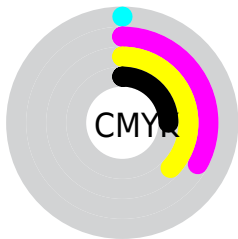
Blue (47%)



Red (75%)

Yellow (51%)

Blue (47%)

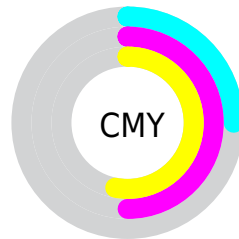


Cyan (0%)

Magenta (33%)

Yellow (37%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5952, 27.8708, 21.4309 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 32.5952, 27.8708, 21.4309 by changing the saturation by 10% instead.


 32.5952, 27.8708,
21.4309


 32.5952, 27.8708,
21.4309


305.5191,
291.8490, 272.4156


 21.9743, 18.2283,
13.2450


 63.1019, 56.2781,
46.6936

 13.9545, 11.1140,
7.4648


 83.7185, 75.8117,
64.6076

 8.1705, 6.1436,
3.6716


 108.3975, 99.4111,
86.6013

 4.2570, 2.9326,
1.4470

137.5046,
127.4607, 113.0934

 1.8485, 1.0966,
0.1780

171.4049,
160.3449, 144.5023

 0.5466, 0.0000,
0.0000

210.4638,

 0.0000, 0.0000,

198.4481, 181.2466

0.0000

255.0468,
242.1547, 223.7448

■ 32.5952, 27.8708,
21.4309

■ 32.5952, 27.8708,
21.4309

■ 29.5208, 23.3957,
15.2464

■ 36.2715, 33.1795,
28.9573

■ 27.0139, 19.7078,
10.3232

■ 40.5772, 39.3569,
37.8965

■ 25.0402, 16.7628,
6.5747

■ 45.5408, 46.4409,
48.3161

■ 23.5603, 14.5099,
3.9026

■ 51.1884, 54.4663,
60.2792

■ 22.5298, 12.8920,
2.1927

■ 57.5447, 63.4656,
73.8451

■ 21.8921, 11.8415,
1.2869

■ 64.6330, 73.4702,
89.0699

■ 21.7639, 11.6325,
1.0982

■ 72.4757, 84.5097,
106.0071

■ 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



33.7312, 27.8708, 29.8625



32.5952, 27.8708, 21.4309



29.8056, 27.8708, 16.4715

Triad

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



32.5952, 27.8708, 21.4309



21.0536, 27.8708, 22.1064



26.6607, 27.8708, 53.7210

Complementary

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



32.5952, 27.8708, 21.4309



34.0824, 41.6199, 55.5273

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.



23.4305, 27.8708, 50.4048



32.5952, 27.8708, 21.4309



20.3678, 27.8708, 30.8358

Square

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



32.5952, 27.8708, 21.4309



23.1603, 27.8708, 16.7975



21.1997, 27.8708, 41.4446



30.1252, 27.8708, 49.7253

Rectangle

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



32.5952, 27.8708, 21.4309



27.4929, 27.8708, 15.1078



21.1997, 27.8708, 41.4446



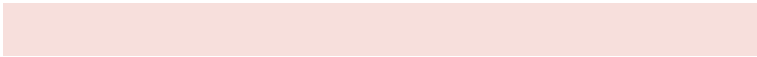
25.5124, 27.8708, 53.4207

Sweetspot

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



32.5959, 27.8721, 21.4314



77.8619, 77.8997, 78.7408



36.8437, 27.9660, 48.7486



16.8288, 16.7223, 16.7260



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.5959, 27.8721, 21.4314



53.6111, 42.9824, 28.7792



37.9024, 38.4851, 23.2003



9.6145, 9.7049, 9.9431



14.3337, 7.7062, 0.7320



0.5905, 0.3600, 0.0384

Inverse Universe

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



34.0824, 41.6199, 55.5273



56.6543, 71.2778, 99.0511



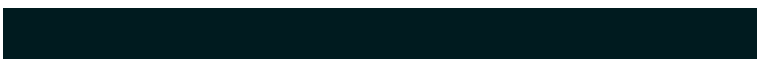
27.8027, 29.0604, 53.4341



9.7143, 10.6208, 12.2102



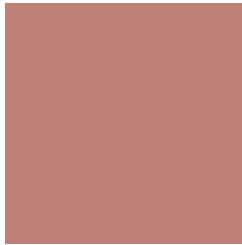
15.5987, 21.3090, 35.6838



0.6375, 0.8876, 1.4066

Previews

White Background



This preview shows how the XYZ color 32.5952, 27.8708, 21.4309 looks on a white background.

Color Contrast Check

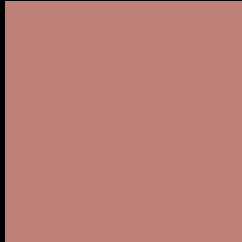
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5952, 27.8708, 21.4309 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 32.5952, 27.8708, 21.4309

Background



This preview shows how black text looks on a background with the XYZ color 32.5952, 27.8708, 21.4309.



This preview shows how white text looks on a background with the XYZ color 32.5952, 27.8708,

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

32.5952, 27.8708, 21.4309

Protanopia

26.6320, 28.0843, 24.4392

Deuteranopia

28.4390, 27.9887, 21.0430



Tritanopia

33.5723, 27.8774, 26.5331

Trichromacy



Original Color

32.5952, 27.8708, 21.4309

Protanomaly

28.5160, 27.7646, 23.2582

Deuteranomaly

29.8982, 27.8900, 21.2603

Tritanomaly

33.3569, 27.9969, 24.7649

Monochromacy



Original Color

32.5952, 27.8708, 21.4309

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.6483, 27.9528, 27.5524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5952, 27.8708, 21.4309 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(191, 128, 120)` looks like.

```
.text, #text, p{  
    color:rgb(191, 128, 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(191, 128, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 128, 120) }
```

Border

The CSS property to change the border of an element to XYZ 32.5952, 27.8708, 21.4309 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(191, 128, 120) }
```


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

```
.border{ border-color:rgb(191, 128, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 128, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 128, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 128, 120);  
box-shadow:4px 4px 4px 4px rgb(191, 128,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5952, 27.8708, 21.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 128, 120) }
```

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

```
.background{ background-color: rgb(191,  
128, 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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