

Converting Colors

XYZ(32.8310, 26.6871, 27.7456)

Have a look what the booklet for
XYZ(32.8310, 26.6871, 27.7456)
contains.

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Color

**XYZ(32.8549, 26.7303,
27.8539)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7A8B
RGB	190, 122, 139
RGB Percent	75%, 48%, 55%
CMY	0.2549, 0.5215, 0.4549
CMYK	0.00, 0.36, 0.27, 0.25
HSL	345°, 34%, 61%
HSV	345°, 36%, 75%
XYZ	32.8549, 26.7303, 27.8539
YIQ	144.2700, 35.0710, 19.7030

Conversions

Conversions Part 2

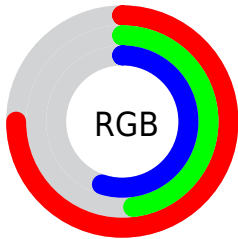
Format	Color
R_{YB}	190, 122, 139
Decimal	12483211
CIE _{Lab}	58.72, 28.82, 1.87
CIE _{LCh}	59, 28.881, 3.718
Yxy	26.7303, 0.3757, 0.3057
Android (android.graphics.Color)	4290673291 (0xFFBE7A8B)
YUV	144.2700, -2.5981, 40.1052
Hunter-Lab	51.7014, 22.9549, 4.2487

Details

The XYZ color **32.8549, 26.7303, 27.8539** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.9835, 43.9822, 46.2357**, and the grayscale version is **26.6190, 28.0052, 30.4977**.

A 20% lighter version of the original color is **63.5558, 54.4222, 57.0239**, and **14.1122, 10.5069, 10.7354** is the 20% darker color. If you saturate the color by 10%, you get **29.7717, 22.1229, 22.0194**, and if you desaturate by 10%, it is **36.5314, 32.3066, 34.5565**.

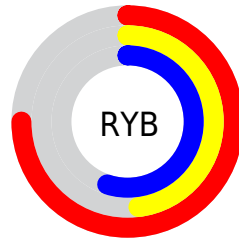
Distribution



Red (75%)

Green (48%)

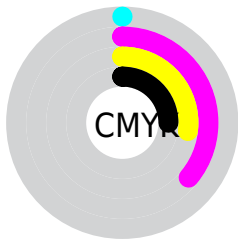
Blue (55%)



Red (75%)

Yellow (48%)

Blue (55%)

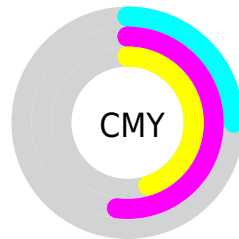


Cyan (0%)

Magenta (36%)

Yellow (27%)

Black (25%)



Cyan (25%)


Magenta (52%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8549, 26.7303, 27.8539 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 32.8549, 26.7303, 27.8539 by changing the saturation by 10% instead.


 32.8549, 26.7303,
27.8539


 32.8549, 26.7303,
27.8539


306.6720,
286.3489, 305.6581


 22.1740, 17.3708,
17.9775


 63.5051, 54.4508,
57.2714

 14.1021, 10.4992,
10.7645


 84.2052, 73.5805,
77.6495

 8.2739, 5.7312,
5.7966


 108.9756, 96.7358,
102.3653

 4.3240, 2.6823,
2.6550

138.1819,
124.3010, 131.8373

 1.8870, 0.9682,
0.9206

172.1893,
156.6605, 166.4841

 0.5693, 0.0000,
0.0000

211.3632,

 0.0000, 0.0000,

194.1987, 206.7241

0.0000

256.0690,
237.3001, 252.9759

■ 32.8549, 26.7303,
27.8539

■ 32.8549, 26.7303,
27.8539

■ 29.7717, 22.1229,
22.0194

■ 36.5314, 32.3066,
34.5565

■ 27.2477, 18.4253,
17.0151

■ 40.8285, 38.8992,
42.1596

■ 25.2486, 15.5774,
12.8024


■ 45.7744, 46.5566,
50.6962


■ 23.7353, 13.5107,
9.3390


■ 51.3948, 55.3234,
60.1967


■ 22.6629, 12.1455,
6.5782


■ 57.7141, 65.2414,
70.6905


 21.9762, 11.3826,
4.4670

 64.7554, 76.3503,
82.2054

 21.7583, 11.1564,
3.7482

 72.5393, 88.6848,
94.7677

 74.7261, 89.5595,
106.2831

 75.0452, 89.6872,
107.9638

Harmonies

Analogous

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



32.0402, 26.7303, 38.6605



32.8549, 26.7303, 27.8539



31.5257, 26.7303, 19.5355

Triad

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



32.8549, 26.7303, 27.8539



21.7982, 26.7303, 15.6710



22.4987, 26.7303, 50.4186

Complementary

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



32.8549, 26.7303, 27.8539



33.9835, 43.9822, 46.2357

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.



20.1350, 26.7303, 41.3782



32.8549, 26.7303, 27.8539



19.7579, 26.7303, 21.2696

Square

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



32.8549, 26.7303, 27.8539



24.9657, 26.7303, 13.6161



19.1783, 26.7303, 30.3925



25.8521, 26.7303, 53.3321

Rectangle

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



32.8549, 26.7303, 27.8539



29.6691, 26.7303, 16.0059



19.1783, 26.7303, 30.3925



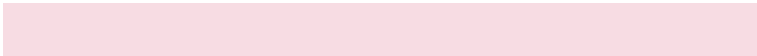
21.5728, 26.7303, 47.9062

Sweetspot

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



32.8556, 26.7316, 27.8544



77.9689, 76.6414, 83.3153



33.4883, 26.5224, 52.0696



16.8550, 16.4180, 17.8346



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.



32.8556, 26.7316, 27.8544



55.0330, 41.6958, 41.9860



33.9816, 30.8188, 22.5716



9.6254, 9.5744, 10.4162



14.4951, 7.4292, 2.6348



0.5950, 0.3019, 0.2465

Inverse Universe

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



32.8556, 26.7316, 27.8544



55.0330, 41.6958, 41.9860



32.2649, 37.7433, 54.2999



9.6254, 9.5744, 10.4162



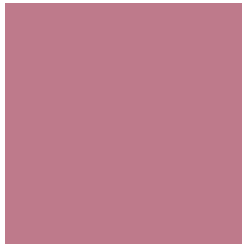
14.4951, 7.4292, 2.6348



0.5950, 0.3019, 0.2465

Previews

White Background



This preview shows how the XYZ color 32.8549, 26.7303, 27.8539 looks on a white background.

Color Contrast Check

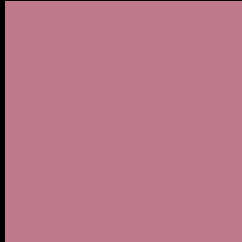
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8549, 26.7303, 27.8539 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 32.8549, 26.7303, 27.8539

Background



This preview shows how black text looks on a background with the XYZ color 32.8549, 26.7303, 27.8539.



This preview shows how white text looks on a background with the XYZ color 32.8549, 26.7303,

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

32.8549, 26.7303, 27.8539

Protanopia

26.1852, 27.0025, 32.6861

Deuteranopia

27.2942, 26.8370, 27.0340



Tritanopia

32.2341, 26.6507, 25.2750

Trichromacy



Original Color

32.8549, 26.7303, 27.8539

Protanomaly

28.0115, 26.4964, 30.8321

Deuteranomaly

29.1288, 26.7437, 27.2937

Tritanomaly

32.4424, 26.7340, 26.3719

Monochromacy



Original Color

32.8549, 26.7303, 27.8539

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.3846, 27.1384, 29.3334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8549, 26.7303, 27.8539 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(190, 122, 139)` looks like.

```
.text, #text, p{  
    color:rgb(190, 122, 139)  
}
```

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(190, 122, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 122, 139) }
```

Border

The CSS property to change the border of an element to XYZ 32.8549, 26.7303, 27.8539 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(190, 122, 139) }
```


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

```
.border{ border-color:rgb(190, 122, 139) }
```

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

Here you see how a box with a 4 pixel rgb(190, 122, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 122, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 122, 139);  
box-shadow:4px 4px 4px 4px rgb(190, 122,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8549, 26.7303, 27.8539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 122, 139) }
```

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

```
.background{ background-color: rgb(190,  
122, 139) }
```

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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