

Converting Colors

XYZ(32.9417, 27.6587, 25.7027)

Have a look what the booklet for
XYZ(32.9417, 27.6587, 25.7027)
contains.

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Color

**XYZ(32.9297, 27.5623,
25.7748)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7E85
RGB	190, 126, 133
RGB Percent	75%, 49%, 52%
CMY	0.2549, 0.5059, 0.4784
CMYK	0.00, 0.34, 0.30, 0.25
HSL	353°, 33%, 62%
HSV	353°, 34%, 75%
XYZ	32.9297, 27.5623, 25.7748
YIQ	145.9340, 35.8970, 15.7450

Conversions

Conversions Part 2

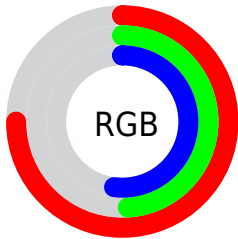
Format	Color
R_{YB}	190, 126, 133
Decimal	12484229
CIE _{Lab}	59.49, 25.78, 6.44
CIE _{LCh}	59, 26.570, 14.020
Yxy	27.5623, 0.3817, 0.3195
Android (android.graphics.Color)	4290674309 (0xFFBE7E85)
YUV	145.9340, -6.3765, 38.6459
Hunter-Lab	52.4998, 20.0867, 7.6414

Details

The XYZ color **32.9297, 27.5623, 25.7748** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.5661, 44.6821, 51.5520**, and the grayscale version is **27.3102, 28.7325, 31.2897**.

A 20% lighter version of the original color is **63.6944, 55.7418, 53.8566**, and **14.1763, 10.9599, 9.7558** is the 20% darker color. If you saturate the color by 10%, you get **29.6504, 22.7264, 19.3707**, and if you desaturate by 10%, it is **36.8603, 33.3990, 33.3259**.

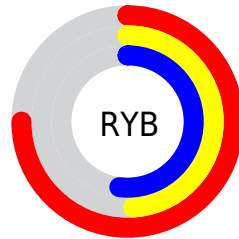
Distribution



Red (75%)

Green (49%)

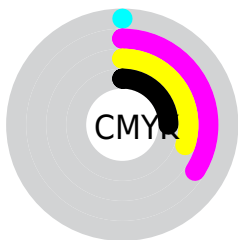
Blue (52%)



Red (75%)

Yellow (49%)

Blue (52%)

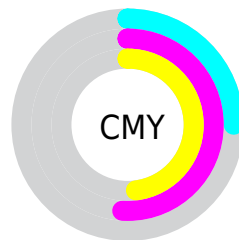


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (51%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9297, 27.5623, 25.7748 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 32.9297, 27.5623, 25.7748 by changing the saturation by 10% instead.


 32.9297, 27.5623,
25.7748


 32.9297, 27.5623,
25.7748


307.0034,
290.3695, 295.2450


 22.2316, 17.9960,
16.4310


 63.6212, 55.7849,
53.8910

 14.1447, 10.9471,
9.6720


 84.3452, 75.2099,
73.5005

 8.3038, 6.0313,
5.0793


 109.1420, 98.6900,
97.3690

 4.3434, 2.8641,
2.2343

138.3768,
126.6094, 125.9150

 1.8982, 1.0612,
0.6941

172.4149,
159.3527, 159.5571

 0.5758, 0.0000,
0.0000

211.6219,

 0.0000, 0.0000,

197.3042, 198.7138

0.0000

256.3629,
240.8484, 243.8036

■ 32.9297, 27.5623,
25.7748

■ 32.9297, 27.5623,
25.7748

■ 29.6504, 22.7264,
19.3707

■ 36.8603, 33.3990,
33.3259

■ 26.9849, 18.8312,
14.0559

■ 41.4725, 40.2842,
42.0748

■ 24.8955, 15.8168,
9.7699

■ 46.7974, 48.2672,
52.0709

■ 23.3392, 13.6140,
6.4458

■ 52.8634, 57.3932,
63.3607

■ 22.2669, 12.1440,
4.0087

■ 59.6976, 67.7046,
75.9880

■ 21.6203, 11.3116,
2.3724

■ 67.3256, 79.2418,
89.9948

■ 21.3685, 11.0005,
1.6955

■ 74.4807, 89.4613,
104.9907

■ 75.0453, 89.6872,
107.9638

Harmonies

Analogous

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



32.8635, 27.5623, 35.3602



32.9297, 27.5623, 25.7748



31.0882, 27.5623, 18.9651

Triad

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



32.9297, 27.5623, 25.7748



21.9859, 27.5623, 18.6395



24.4698, 27.5623, 51.3738

Complementary

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



32.9297, 27.5623, 25.7748



35.5661, 44.6821, 51.5520

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.



21.8480, 27.5623, 44.6798



32.9297, 27.5623, 25.7748



20.4993, 27.5623, 25.2298

Square

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



32.9297, 27.5623, 25.7748



24.6730, 27.5623, 15.4776



20.4511, 27.5623, 34.6869



27.7828, 27.5623, 51.6071

Rectangle

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



32.9297, 27.5623, 25.7748



29.1101, 27.5623, 16.3354



20.4511, 27.5623, 34.6869



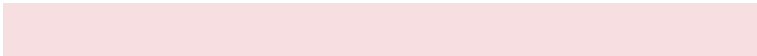
23.4853, 27.5623, 49.7498

Sweetspot

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



32.9304, 27.5636, 25.7753



78.4004, 77.8614, 82.3592



36.1736, 28.6509, 52.3390



16.9235, 16.6594, 17.5349



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.



32.9304, 27.5636, 25.7753



55.4133, 43.6576, 38.4101



35.9936, 34.4380, 24.4904



9.5714, 9.5529, 10.1322



14.2236, 7.3206, 1.2054



0.5714, 0.2925, 0.1224

Inverse Universe

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



32.9304, 27.5636, 25.7753



55.4133, 43.6576, 38.4101



31.4390, 35.2334, 53.8590



9.5714, 9.5529, 10.1322



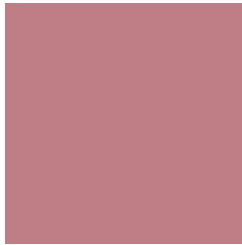
14.2236, 7.3206, 1.2054



0.5714, 0.2925, 0.1224

Previews

White Background



This preview shows how the XYZ color 32.9297, 27.5623, 25.7748 looks on a white background.

Color Contrast Check

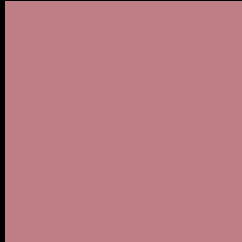
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9297, 27.5623, 25.7748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

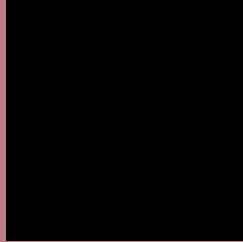
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9297, 27.5623, 25.7748

Background



This preview shows how black text looks on a background with the XYZ color 32.9297, 27.5623, 25.7748.



This preview shows how white text looks on a background with the XYZ color 32.9297, 27.5623,

25.7748.

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

32.9297, 27.5623, 25.7748

Protanopia

26.5590, 27.7089, 29.5397

Deuteranopia

28.2296, 27.7853, 25.3480



Tritanopia

33.0692, 27.6181, 26.5096

Trichromacy



Original Color

32.9297, 27.5623, 25.7748

Protanomaly

28.5062, 27.4368, 28.2195

Deuteranomaly

29.7032, 27.4868, 25.5697

Tritanomaly

32.9991, 27.5901, 26.1404

Monochromacy



Original Color

32.9297, 27.5623, 25.7748

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.9406, 28.0697, 29.0920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9297, 27.5623, 25.7748 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, 126, 133)` looks like.

```
.text, #text, p{  
    color:rgb(190, 126, 133)  
}
```

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, 126, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 126, 133) }
```

Border

The CSS property to change the border of an element to XYZ 32.9297, 27.5623, 25.7748 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, 126, 133) }
```


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

```
.border{ border-color:rgb(190, 126, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 126, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 126, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 126, 133);  
box-shadow:4px 4px 4px 4px rgb(190, 126,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9297, 27.5623, 25.7748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 126, 133) }
```

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

```
.background{ background-color: rgb(190,  
126, 133) }
```

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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