

Converting Colors

XYZ(33.8556, 27.8047, 30.4779)

Have a look what the booklet for
XYZ(33.8556, 27.8047, 30.4779)
contains.

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Color

**XYZ(33.6797, 27.6587,
30.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7D91
RGB	190, 125, 145
RGB Percent	75%, 49%, 57%
CMY	0.2549, 0.5098, 0.4314
CMYK	0.00, 0.34, 0.24, 0.25
HSL	342°, 33%, 62%
HSV	342°, 34%, 75%
XYZ	33.6797, 27.6587, 30.3516
YIQ	146.7150, 32.3200, 20.0000

Conversions

Conversions Part 2

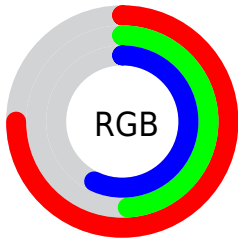
Format	Color
R_{YB}	190, 125, 145
Decimal	12483985
CIE _{Lab}	59.58, 28.05, -0.34
CIE _{LCh}	60, 28.048, 359.307
Yxy	27.6587, 0.3673, 0.3017
Android (android.graphics.Color)	4290674065 (0xFFBE7D91)
YUV	146.7150, -0.8455, 37.9609
Hunter-Lab	52.5915, 22.2765, 2.5967

Details

The XYZ color **33.6797, 27.6587, 30.3516** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.1279, 44.0900, 44.7439**, and the grayscale version is **27.6102, 29.0481, 31.6334**.

A 20% lighter version of the original color is **64.5870, 55.7385, 61.3873**, and **14.5733, 11.0093, 12.1834** is the 20% darker color. If you saturate the color by 10%, you get **30.5442, 22.9180, 24.5884**, and if you desaturate by 10%, it is **37.3943, 33.3692, 36.8880**.

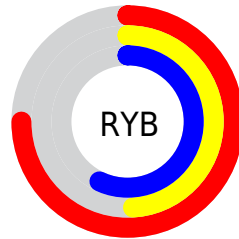
Distribution



Red (75%)

Green (49%)

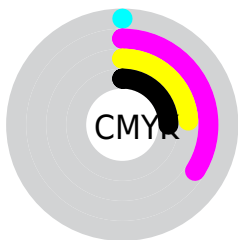
Blue (57%)



Red (75%)

Yellow (49%)

Blue (57%)

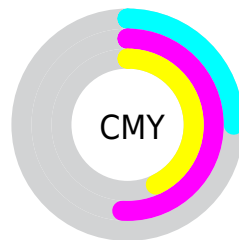


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (25%)



Cyan (25%)

Magenta (51%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6797, 27.6587, 30.3516 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 33.6797, 27.6587, 30.3516 by changing the saturation by 10% instead.

 33.6797, 27.6587,
30.3516


 33.6797, 27.6587,
30.3516


310.3126,
290.8324, 317.7981


 22.8094, 18.0685,
19.8513


 64.7829, 55.9391,
61.2853

 14.5727, 10.9992,
12.1040

 85.7464, 75.3981,
82.5558

 8.6044, 6.0663,
6.6911


 110.8051, 98.9155,
108.2535

 4.5391, 2.8854,
3.1942

140.3242,
126.8757, 138.7969

 2.0114, 1.0722,
1.1946

174.6692,
159.6631, 174.6045

 0.6404, 0.0000,
0.0000

214.2053,

 0.0000, 0.0000,

197.6621, 216.0949

0.0000

259.2980,
241.2571, 263.6865

■ 33.6797, 27.6587,
30.3516

■ 33.6797, 27.6587,
30.3516

■ 30.5442, 22.9180,
24.5884

■ 37.3943, 33.3692,
36.8880

■ 27.9552, 19.0889,
19.5669

■ 41.7137, 40.0954,
44.2239

■ 25.8803, 16.1130,
15.2558


■ 46.6649, 47.8853,
52.3866


■ 24.2824, 13.9236,
11.6207


■ 52.2724, 56.7825,
61.4013


■ 23.1193, 12.4438,
8.6240

■ 58.5594, 66.8281,
71.2923


 22.3406, 11.5809,
6.2234

 65.5482, 78.0612,
82.0829

 22.0107, 11.2574,
5.0766

 72.2936, 88.5865,
93.4733

 74.2881, 89.3843,
103.9758

 75.0454, 89.6872,
107.9638

Harmonies

Analogous

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



32.5706, 27.6587, 41.1725



33.6797, 27.6587, 30.3516



32.6655, 27.6587, 21.5646

Triad

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



33.6797, 27.6587, 30.3516



23.1032, 27.6587, 16.1418



22.9729, 27.6587, 50.1239

Complementary

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



33.6797, 27.6587, 30.3516



34.1279, 44.0900, 44.7439

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.



20.8011, 27.6587, 40.6724



33.6797, 27.6587, 30.3516



20.8715, 27.6587, 21.2399

Square

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



33.6797, 27.6587, 30.3516



26.3710, 27.6587, 14.5554



20.0669, 27.6587, 29.8809



26.2067, 27.6587, 54.0460

Rectangle

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



33.6797, 27.6587, 30.3516



30.9692, 27.6587, 17.6465



20.0669, 27.6587, 29.8809



22.1054, 27.6587, 47.3973

Sweetspot

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



33.6805, 27.6600, 30.3522



79.0808, 78.1335, 85.9418



33.0807, 26.8675, 52.1580



17.0911, 16.7265, 18.4176



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.



33.6805, 27.6600, 30.3522



56.6999, 43.5558, 47.0851



33.8717, 30.2968, 23.4662



9.6478, 9.5834, 10.5343



14.6670, 7.4980, 3.5402



0.6047, 0.3058, 0.2975

Inverse Universe

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



33.6805, 27.6600, 30.3522



56.6999, 43.5558, 47.0851



33.6897, 39.9526, 54.6516



9.6478, 9.5834, 10.5343



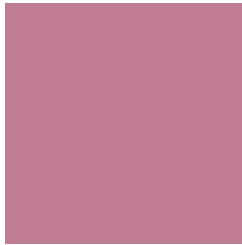
14.6670, 7.4980, 3.5402



0.6047, 0.3058, 0.2975

Previews

White Background



This preview shows how the XYZ color 33.6797, 27.6587, 30.3516 looks on a white background.

Color Contrast Check

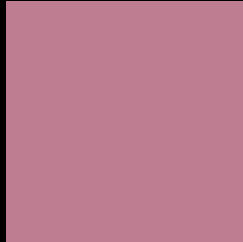
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6797, 27.6587, 30.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

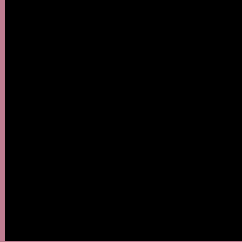
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.6797, 27.6587, 30.3516

Background



This preview shows how black text looks on a background with the XYZ color 33.6797, 27.6587, 30.3516.



This preview shows how white text looks on a background with the XYZ color 33.6797, 27.6587,

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

33.6797, 27.6587, 30.3516

Protanopia

27.1509, 27.8849, 35.4038

Deuteranopia

28.2157, 27.6873, 29.4482



Tritanopia

33.0196, 27.7751, 26.9134

Trichromacy



Original Color

33.6797, 27.6587, 30.3516

Protanomaly

28.9689, 27.3489, 33.4578

Deuteranomaly

30.0606, 27.5794, 29.7256

Tritanomaly

33.1073, 27.6046, 28.0094

Monochromacy



Original Color

33.6797, 27.6587, 30.3516

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.5252, 28.3271, 31.1057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6797, 27.6587, 30.3516 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, 125, 145)` looks like.

```
.text, #text, p{  
    color:rgb(190, 125, 145)  
}
```

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, 125, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 125, 145) }
```

Border

The CSS property to change the border of an element to XYZ 33.6797, 27.6587, 30.3516 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, 125, 145) }
```


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

```
.border{ border-color:rgb(190, 125, 145) }
```

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

Here you see how a box with a 4 pixel rgb(190, 125, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 125, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 125, 145);  
box-shadow:4px 4px 4px 4px rgb(190, 125,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6797, 27.6587, 30.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 125, 145) }
```

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

```
.background{ background-color: rgb(190,  
125, 145) }
```

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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