

Converting Colors

XYZ(32.9797, 25.6812, 37.8691)

Have a look what the booklet for
XYZ(32.9797, 25.6812, 37.8691)
contains.

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Color

**XYZ(32.9797, 25.6812,
37.8691)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B975A3 |
| RGB | 185, 117, 163 |
| RGB Percent | 73%, 46%, 64% |
| CMY | 0.2745, 0.5412, 0.3608 |
| CMYK | 0.00, 0.37, 0.12, 0.27 |
| HSL | 319°, 33%, 59% |
| HSV | 319°, 37%, 73% |
| XYZ | 32.9797, 25.6812, 37.8691 |
| YIQ | 142.5760, 25.7620, 28.7220 |

Conversions

Conversions Part 2

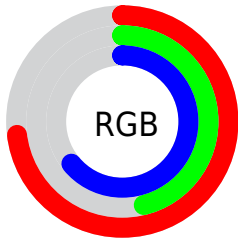
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 185, 117, 163 |
| Decimal | 12154275 |
| CIE Lab | 57.73, 33.53, -13.52 |
| CIE LCh | 58, 36.158, 338.037 |
| Yxy | 25.6812, 0.3417, 0.2660 |
| Android (android.graphics.Color) | 4290344355 (0xFFB975A3) |
| YUV | 142.5760, 10.0690, 37.2058 |
| Hunter-Lab | 50.6766, 27.4814, -8.8320 |

Details

The XYZ color **32.9797, 25.6812, 37.8691** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.3463, 40.3446, 30.6684**, and the grayscale version is **25.8943, 27.2428, 29.6674**.

A 20% lighter version of the original color is **63.6476, 52.6887, 73.1450**, and **14.2365, 9.9873, 16.2163** is the 20% darker color. If you saturate the color by 10%, you get **30.5099, 21.5793, 34.4622**, and if you desaturate by 10%, it is **35.9024, 30.6475, 41.5527**.

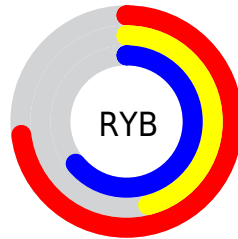
Distribution



Red (73%)

Green (46%)

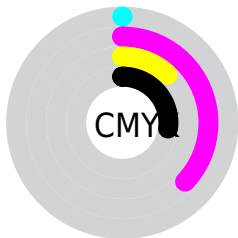
Blue (64%)



Red (73%)

Yellow (46%)

Blue (64%)

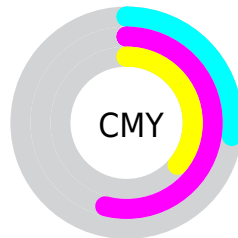


Cyan (0%)

Magenta (37%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (54%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9797, 25.6812, 37.8691 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 32.9797, 25.6812, 37.8691 by changing the saturation by 10% instead.


 32.9797, 25.6812,
37.8691


 32.9797, 25.6812,
37.8691

307.2249,
281.2136, 352.3394


 22.2701, 16.5853,
25.5801


 63.6987, 52.7602,
73.1087

 14.1732, 9.9393,
16.2868


 84.4388, 71.5121,
96.8963

 8.3237, 5.3587,
9.5708


 109.2531, 94.2514,
125.3538

 4.3563, 2.4592,
5.0135

138.5069,
121.3626, 158.8998

 1.9056, 0.8561,
2.1963

172.5657,
153.2300, 197.9528

 0.5801, 0.0000,
0.6722

211.7947,

 0.0000, 0.0000,

190.2380, 242.9314

0.0000

256.5593,
232.7711, 294.2541

■ 32.9797, 25.6812,
37.8691

■ 32.9797, 25.6812,
37.8691

■ 30.5099, 21.5793,
34.4622

■ 35.9024, 30.6475,
41.5527

■ 28.4650, 18.2877,
31.3203

■ 39.2992, 36.5212,
45.5210

■ 26.8177, 15.7516,
28.4327

■ 43.1926, 43.3464,
49.7835

■ 25.5362, 13.9082,
25.7871

■ 47.6031, 51.1635,
54.3484

■ 24.5835, 12.6841,
23.3692

■ 52.5500, 60.0105,
59.2240

■ 23.9093, 11.9793,
21.1605

■ 58.0514, 69.9234,
64.4177

■ 23.7186, 11.7987,
20.4777

■ 64.1247, 80.9365,
69.9370

■ 67.5113, 86.5318,
74.6970

■ 68.2754, 86.8374,
78.7207

Harmonies

Analogous

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



29.9109, 25.6812, 51.2789



32.9797, 25.6812, 37.8691



33.6228, 25.6812, 24.7574

Triad

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



32.9797, 25.6812, 37.8691



23.2628, 25.6812, 10.3661



18.4179, 25.6812, 45.3914

Complementary

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



32.9797, 25.6812, 37.8691



29.3463, 40.3446, 30.6684

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.



17.0543, 25.6812, 31.4329



32.9797, 25.6812, 37.8691



19.6272, 25.6812, 13.0656

Square

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



32.9797, 25.6812, 37.8691



27.6596, 25.6812, 11.1581



17.4692, 25.6812, 19.9544



21.4240, 25.6812, 56.4411

Rectangle

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



32.9797, 25.6812, 37.8691



32.5258, 25.6812, 18.1798



17.4692, 25.6812, 19.9544



17.7695, 25.6812, 40.7439

Sweetspot

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



32.9805, 25.6824, 37.8696



74.1592, 72.0081, 85.7169



25.6891, 21.6756, 48.7291



15.7860, 15.1707, 18.2583



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.9805, 25.6824, 37.8696



55.4798, 40.0229, 62.9241



30.3634, 24.6355, 24.0880



9.2540, 9.1120, 10.6848



16.1846, 8.0476, 14.1249



0.5976, 0.2945, 0.6403

Inverse Universe

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



32.9805, 25.6824, 37.8696



55.4798, 40.0229, 62.9241



32.1837, 41.4795, 45.6096



9.2540, 9.1120, 10.6848



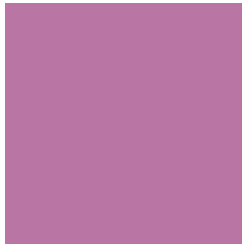
16.1846, 8.0476, 14.1249



0.5976, 0.2945, 0.6403

Previews

White Background



This preview shows how the XYZ color 32.9797, 25.6812, 37.8691 looks on a white background.

Color Contrast Check

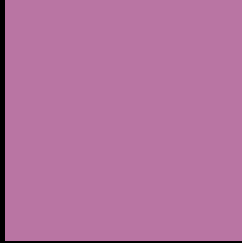
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9797, 25.6812, 37.8691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

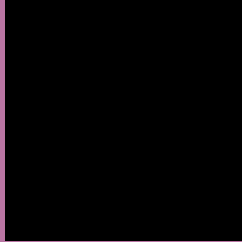
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9797, 25.6812, 37.8691

Background



This preview shows how black text looks on a background with the XYZ color 32.9797, 25.6812, 37.8691.



This preview shows how white text looks on a background with the XYZ color 32.9797, 25.6812,

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

32.9797, 25.6812, 37.8691

Protanopia

26.0776, 26.0184, 45.2426

Deuteranopia

26.4770, 25.9860, 36.8780



Tritanopia

30.3039, 25.6556, 25.1846

Trichromacy



Original Color

32.9797, 25.6812, 37.8691

Protanomaly

27.8235, 25.3334, 42.4531

Deuteranomaly

28.3838, 25.5428, 37.1525

Tritanomaly

31.0867, 25.6030, 29.2900

Monochromacy



Original Color

32.9797, 25.6812, 37.8691

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.1307, 26.5213, 32.4906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9797, 25.6812, 37.8691 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(185, 117, 163)` looks like.

```
.text, #text, p{  
    color:rgb(185, 117, 163)  
}
```

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(185, 117, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 117, 163) }
```

Border

The CSS property to change the border of an element to XYZ 32.9797, 25.6812, 37.8691 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(185, 117, 163) }
```


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

```
.border{ border-color:rgb(185, 117, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 117, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 117, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 117, 163);  
box-shadow:4px 4px 4px 4px rgb(185, 117,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9797, 25.6812, 37.8691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 117, 163) }
```

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

```
.background{ background-color: rgb(185,  
117, 163) }
```

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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