

Converting Colors

XYZ(35.7364, 32.9127, 31.0853)

Have a look what the booklet for
XYZ(35.7364, 32.9127, 31.0853)
contains.

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Color

**XYZ(35.7298, 32.8599,
31.2475)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BB9191 |
| RGB | 187, 145, 145 |
| RGB Percent | 73%, 57%, 57% |
| CMY | 0.2667, 0.4314, 0.4314 |
| CMYK | 0.00, 0.22, 0.22, 0.27 |
| HSL | 0°, 24%, 65% |
| HSV | 0°, 22%, 73% |
| XYZ | 35.7298, 32.8599, 31.2475 |
| YIQ | 157.5580, 25.0320, 8.9040 |

Conversions

Conversions Part 2

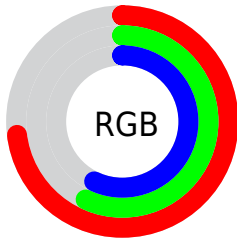
| Format | Color |
|-------------------------------------|--|
| RYB | 187, 145, 145 |
| Decimal | 12292497 |
| CIELab | 64.05, 15.82, 6.09 |
| CIELCh | 64, 16.956, 21.053 |
| Yxy | 32.8599, 0.3579, 0.3291 |
| Android (android.graphics.Color) | 4290482577 (0xFFBB9191) |
| YUV | 157.5580, -6.1911, 25.8206 |
| Hunter-Lab | 57.3236, 10.9429, 7.8071 |

Details

The XYZ color **35.7298, 32.8599, 31.2475** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.4167, 45.1473, 53.7037**, and the grayscale version is **32.3192, 34.0024, 37.0286**.

A 20% lighter version of the original color is **68.0405, 64.2035, 62.8392**, and **15.7411, 13.8182, 12.6640** is the 20% darker color. If you saturate the color by 10%, you get **31.7791, 27.0791, 23.3925**, and if you desaturate by 10%, it is **40.3899, 39.6792, 40.5107**.

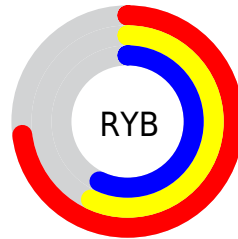
Distribution



Red (73%)

Green (57%)

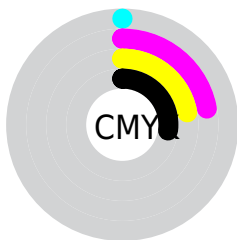
Blue (57%)



Red (73%)

Yellow (57%)

Blue (57%)

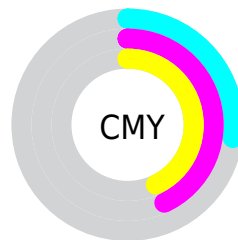


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (27%)



Cyan (27%)


Magenta (43%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7298, 32.8599, 31.2475 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 35.7298, 32.8599, 31.2475 by changing the saturation by 10% instead.


 35.7298, 32.8599,
31.2475


 35.7298, 32.8599,
31.2475


319.2299,
315.0180, 322.0634

 24.3947, 22.0191,
20.5273


 67.9414, 64.1567,
62.7137

 15.7530, 13.8710,
12.5911


 89.5487, 85.3816,
84.2967

 9.4393, 8.0310,
7.0202


115.3107,
110.8366, 110.3379

 5.0882, 4.1148,
3.3961

145.5929,
140.9062, 141.2556

 2.3344, 1.7380,
1.3003

180.7605,
175.9747, 177.4685

 0.8122, 0.4481,
0.0620

221.1790,

 0.0000, 0.0000,

216.4266, 219.3951

0.0000

267.2137,
262.6462, 267.4538

■ 35.7298, 32.8599,
31.2475

■ 35.7298, 32.8599,
31.2475

■ 31.7791, 27.0791,
23.3925

■ 40.3899, 39.6792,
40.5107

■ 28.5005, 22.2816,
16.8749

■ 45.7891, 47.5795,
51.2441

■ 25.8575, 18.4141,
11.6208

■ 51.9583, 56.6067,
63.5085

■ 23.8089, 15.4163,
7.5484

■ 58.9261, 66.8025,
77.3608

■ 22.3086, 13.2209,
4.5663

■ 66.7197, 78.2065,
92.8546

■ 21.3041, 11.7509,
2.5696

■ 74.3037, 89.3049,
107.9291

■ 20.7322, 10.9140,
1.4330

■ 20.4939, 10.5652,
0.9591

Harmonies

Analogous

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



36.0054, 32.8599, 37.8692



35.7298, 32.8599, 31.2475



34.2172, 32.8599, 26.4713

Triad

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



35.7298, 32.8599, 31.2475



27.7863, 32.8599, 28.1129



30.5217, 32.8599, 50.4509

Complementary

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



35.7298, 32.8599, 31.2475



38.4167, 45.1473, 53.7037

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.



28.4263, 32.8599, 47.0464



35.7298, 32.8599, 31.2475



26.9009, 32.8599, 33.7668

Square

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



35.7298, 32.8599, 31.2475



29.6072, 32.8599, 24.8288



27.1291, 32.8599, 40.7284



32.9159, 32.8599, 49.5512

Rectangle

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



35.7298, 32.8599, 31.2475



32.7515, 32.8599, 24.6991



27.1291, 32.8599, 40.7284



29.7610, 32.8599, 49.7574

Sweetspot

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



35.7307, 32.8614, 31.2482



77.3391, 78.3832, 82.4968



39.5890, 34.4039, 51.5682



16.9030, 17.0734, 17.9119



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.7307, 32.8614, 31.2482



60.3160, 53.4737, 48.6552



39.2410, 39.8820, 32.4183



9.5303, 9.5365, 9.9151



14.1204, 7.2795, 0.6609



0.5531, 0.2852, 0.0259

Inverse Universe

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



38.4167, 45.1473, 53.7037



65.9852, 79.4045, 96.0502



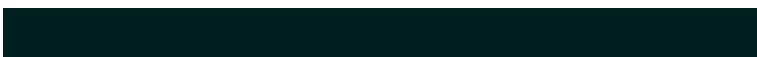
34.2834, 36.8805, 52.3259



9.8086, 10.8094, 12.2417



18.4219, 26.9556, 36.6249



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 35.7298, 32.8599, 31.2475 looks on a white background.

Color Contrast Check

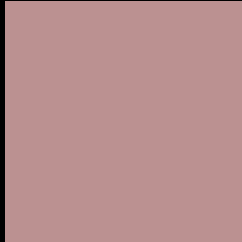
Large Text (above 18pt) WCAG AA × Fail

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 35.7298, 32.8599, 31.2475 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 ✓ Pass

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

XYZ 35.7298, 32.8599, 31.2475

Background



This preview shows how black text looks on a background with the XYZ color 35.7298, 32.8599, 31.2475.



This preview shows how white text looks on a background with the XYZ color 35.7298, 32.8599,

31.2475.

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

35.7298, 32.8599, 31.2475

Protanopia

31.5244, 33.0156, 33.5653

Deuteranopia

33.6196, 32.9403, 30.9717



Tritanopia

36.6287, 33.0044, 35.4503

Trichromacy



Original Color

35.7298, 32.8599, 31.2475

Protanomaly

32.7741, 32.7064, 32.6025

Deuteranomaly

34.2144, 32.7771, 30.9089

Tritanomaly

36.2982, 32.8722, 33.7100

Monochromacy



Original Color

35.7298, 32.8599, 31.2475

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.5032, 33.5174, 34.8407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7298, 32.8599, 31.2475 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(187, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(187, 145, 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(187, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 35.7298, 32.8599, 31.2475 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(187, 145, 145) }
```


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

```
.border{ border-color:rgb(187, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(187, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7298, 32.8599, 31.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 145, 145) }
```

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

```
.background{ background-color: rgb(187,  
145, 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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