

Converting Colors

XYZ(33.4559, 28.5735, 32.0463)

Have a look what the booklet for
XYZ(33.4559, 28.5735, 32.0463)
contains.

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Color

**XYZ(33.5487, 28.7168,
32.2085)**

Conversions

Conversions Part 1

Format	Color
Hex	B98395
RGB	185, 131, 149
RGB Percent	73%, 51%, 58%
CMY	0.2745, 0.4863, 0.4157
CMYK	0.00, 0.29, 0.19, 0.27
HSL	340°, 28%, 62%
HSV	340°, 29%, 73%
XYZ	33.5487, 28.7168, 32.2085
YIQ	149.1980, 26.4060, 17.0460

Conversions

Conversions Part 2

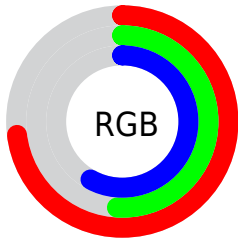
Format	Color
RYB	185, 131, 149
Decimal	12157845
CIELab	60.53, 23.48, -1.31
CIElCh	61, 23.521, 356.806
Yxy	28.7168, 0.3551, 0.3040
Android (android.graphics.Color)	4290347925 (0xFFB98395)
YUV	149.1980, -0.0976, 31.3984
Hunter-Lab	53.5881, 17.9705, 1.8761

Details

The XYZ color **33.5487, 28.7168, 32.2085** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.6853, 42.3140, 42.9532**, and the grayscale version is **28.6437, 30.1354, 32.8174**.

A 20% lighter version of the original color is **64.5379, 57.4700, 64.1912**, and **14.5071, 11.5920, 13.0281** is the 20% darker color. If you saturate the color by 10%, you get **30.3492, 23.8109, 26.5382**, and if you desaturate by 10%, it is **37.2978, 34.5543, 38.5772**.

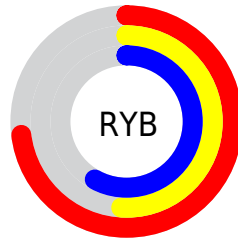
Distribution



Red (73%)

Green (51%)

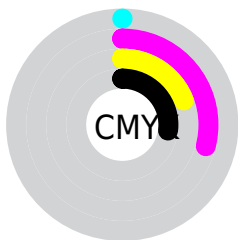
Blue (58%)



Red (73%)

Yellow (51%)

Blue (58%)

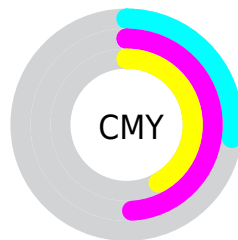


Cyan (0%)

Magenta (29%)

Yellow (19%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5487, 28.7168, 32.2085 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 33.5487, 28.7168, 32.2085 by changing the saturation by 10% instead.


 33.5487, 28.7168,
32.2085


 33.5487, 28.7168,
32.2085


309.7365,
295.8764, 326.5899


 22.7084, 18.8667,
21.2547


 64.5802, 57.6268,
64.2395

 14.4978, 11.5740,
13.1172


 85.5021, 77.4555,
86.1538

 8.5517, 6.4543,
7.3776


 110.5152,
101.3792, 112.5586

 4.5047, 3.1232,
3.6174

139.9849,
129.7823, 143.8725

 1.9914, 1.1964,
1.4179

174.2765,
163.0492, 180.5140

 0.6292, 0.0588,
0.1556

213.7554,

 0.0000, 0.0000,

201.5642, 222.9018

0.0000

258.7869,
245.7118, 271.4542

■ 33.5487, 28.7168,
32.2085

■ 33.5487, 28.7168,
32.2085

■ 30.3492, 23.8109,
26.5382

■ 37.2978, 34.5543,
38.5772

■ 27.6700, 19.7842,
21.5397

■ 41.6190, 41.3644,
45.6661

■ 25.4827, 16.5850,
17.1870


■ 46.5364, 49.1905,
53.4982

■ 23.7551, 14.1547,
13.4517


■ 52.0722, 58.0721,
62.0949


■ 22.4509, 12.4266,
10.3030


■ 58.2472, 68.0465,
71.4767


 21.5278, 11.3228,
7.7068


 65.0813, 79.1495,
81.6633

 20.9118, 10.7021,
5.6168

 70.8123, 87.8522,
92.0799

 20.8679, 10.6584,
5.4660

 72.6604, 88.5914,
101.8122

 73.8177, 89.0544,
107.9063

Harmonies

Analogous

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



32.4776, 28.7168, 41.3443



33.5487, 28.7168, 32.2085



32.8441, 28.7168, 24.3169

Triad

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



33.5487, 28.7168, 32.2085



24.7452, 28.7168, 18.5922



24.2212, 28.7168, 47.4512

Complementary

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



33.5487, 28.7168, 32.2085



33.6853, 42.3140, 42.9532

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.



22.4080, 28.7168, 39.4309



33.5487, 28.7168, 32.2085



22.6944, 28.7168, 22.9778

Square

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



33.5487, 28.7168, 32.2085



27.6210, 28.7168, 17.3678



21.8702, 28.7168, 30.3454



26.9705, 28.7168, 51.1103

Rectangle

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



33.5487, 28.7168, 32.2085



31.4889, 28.7168, 20.5930



21.8702, 28.7168, 30.3454



23.4901, 28.7168, 45.1109

Sweetspot

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



33.5495, 28.7181, 32.2091



74.5717, 74.1351, 81.8403



32.8107, 27.9523, 49.5653



15.8205, 15.5774, 17.2293



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.



33.5495, 28.7181, 32.2091



56.3165, 45.6353, 51.0595



33.4834, 30.7105, 25.6373



9.1248, 9.0603, 10.0045



14.2397, 7.2696, 3.8830



0.5315, 0.2681, 0.2922

Inverse Universe

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



33.5495, 28.7181, 32.2091



56.3165, 45.6353, 51.0595



33.6434, 39.3796, 51.7271



9.1248, 9.0603, 10.0045



14.2397, 7.2696, 3.8830



0.5315, 0.2681, 0.2922

Previews

White Background



This preview shows how the XYZ color 33.5487, 28.7168, 32.2085 looks on a white background.

Color Contrast Check

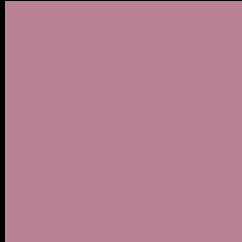
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5487, 28.7168, 32.2085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

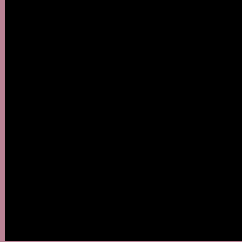
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5487, 28.7168, 32.2085

Background



This preview shows how black text looks on a background with the XYZ color 33.5487, 28.7168, 32.2085.



This preview shows how white text looks on a background with the XYZ color 33.5487, 28.7168,

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

33.5487, 28.7168, 32.2085

Protanopia

28.1510, 28.8304, 36.4289

Deuteranopia

29.4367, 28.9262, 31.6356



Tritanopia

32.9009, 28.6459, 29.3863

Trichromacy



Original Color

33.5487, 28.7168, 32.2085

Protanomaly

29.7917, 28.5963, 34.9598

Deuteranomaly

30.7960, 28.7501, 31.9432

Tritanomaly

33.1293, 28.7372, 30.5888

Monochromacy



Original Color

33.5487, 28.7168, 32.2085

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.9981, 29.1973, 32.4883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5487, 28.7168, 32.2085 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, 131, 149)` looks like.

```
.text, #text, p{  
    color:rgb(185, 131, 149)  
}
```

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, 131, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 131, 149) }
```

Border

The CSS property to change the border of an element to XYZ 33.5487, 28.7168, 32.2085 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, 131, 149) }
```


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

```
.border{ border-color:rgb(185, 131, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 131, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 131, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 131, 149);  
box-shadow:4px 4px 4px 4px rgb(185, 131,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5487, 28.7168, 32.2085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 131, 149) }
```

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

```
.background{ background-color: rgb(185,  
131, 149) }
```

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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