

Converting Colors

XYZ(33.5931, 28.6179, 31.4473)

Have a look what the booklet for
XYZ(33.5931, 28.6179, 31.4473)
contains.

XYZ(33.4988, 28.5110, 31.3413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.4988, 28.5110,
31.3413)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8293
RGB	186, 130, 147
RGB Percent	73%, 51%, 58%
CMY	0.2706, 0.4902, 0.4235
CMYK	0.00, 0.30, 0.21, 0.27
HSL	342°, 29%, 62%
HSV	342°, 30%, 73%
XYZ	33.4988, 28.5110, 31.3413
YIQ	148.6820, 27.9190, 17.1590

Conversions

Conversions Part 2

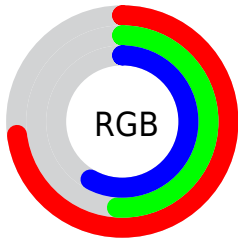
Format	Color
R _Y B	186, 130, 147
Decimal	12223123
CIE Lab	60.35, 24.10, -0.42
CIE LCh	60, 24.103, 359.003
Yxy	28.5110, 0.3588, 0.3054
Android (android.graphics.Color)	4290413203 (0xFFBA8293)
YUV	148.6820, -0.8292, 32.7279
Hunter-Lab	53.3957, 18.5429, 2.5759

Details

The XYZ color **33.4988, 28.5110, 31.3413** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.9275, 42.7289, 43.9977**, and the grayscale version is **28.4294, 29.9099, 32.5719**.

A 20% lighter version of the original color is **64.4382, 57.1387, 62.8909**, and **14.5420, 11.5059, 12.7637** is the 20% darker color. If you saturate the color by 10%, you get **30.2848, 23.6191, 25.5339**, and if you desaturate by 10%, it is **37.2761, 34.3457, 37.9019**.

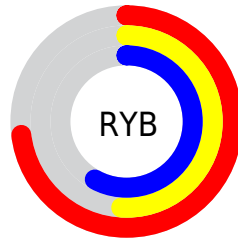
Distribution



Red (73%)

Green (51%)

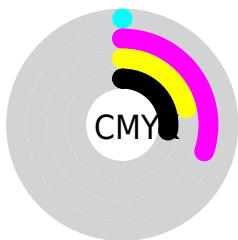
Blue (58%)



Red (73%)

Yellow (51%)

Blue (58%)

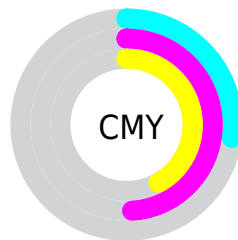


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4988, 28.5110, 31.3413 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 33.4988, 28.5110, 31.3413 by changing the saturation by 10% instead.


 33.4988, 28.5110,
31.3413


 33.4988, 28.5110,
31.3413


309.5168,
294.9007, 322.5074


 22.6699, 18.7112,
20.5982


 64.5030, 57.2992,
62.8629

 14.4693, 11.4618,
12.6423


 85.4090, 77.0565,
84.4785

 8.5317, 6.3783,
7.0549


 110.4047,
100.9017, 110.5553

 4.4916, 3.0765,
3.4175

139.8555,
129.2192, 141.5120

 1.9839, 1.1718,
1.3115

174.1268,
162.3935, 177.7670

 0.6249, 0.0385,
0.0712

213.5838,

 0.0000, 0.0000,

200.8089, 219.7388

0.0000

258.5921,
244.8498, 267.8461

■ 33.4988, 28.5110,
31.3413

■ 33.4988, 28.5110,
31.3413

■ 30.2848, 23.6191,
25.5339

■ 37.2761, 34.3457,
37.9019

■ 27.6039, 19.6164,
20.4501

■ 41.6402, 41.1654,
45.2405

■ 25.4264, 16.4497,
16.0607


■ 46.6162, 49.0143,
53.3825


■ 23.7188, 14.0589,
12.3336


■ 52.2268, 57.9328,
62.3521


■ 22.4432, 12.3753,
9.2340


■ 58.4939, 67.9593,
72.1721


 21.5554, 11.3181,
6.7234

 65.4380, 79.1300,
82.8644

 20.9748, 10.7292,
4.7655

 71.3958, 88.1135,
93.8891

 73.3652, 88.9013,
104.2599

 74.0598, 89.1792,
107.9177

Harmonies

Analogous

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



32.5299, 28.5110, 40.6797



33.4988, 28.5110, 31.3413



32.6471, 28.5110, 23.4879

Triad

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



33.4988, 28.5110, 31.3413



24.3132, 28.5110, 18.3904



24.1467, 28.5110, 48.0752

Complementary

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



33.4988, 28.5110, 31.3413



33.9275, 42.7289, 43.9977

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.



22.2178, 28.5110, 40.0674



33.4988, 28.5110, 31.3413



22.3086, 28.5110, 23.0638

Square

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



33.4988, 28.5110, 31.3413



27.2026, 28.5110, 16.9246



21.5708, 28.5110, 30.7479



26.9954, 28.5110, 51.4055

Rectangle

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



33.4988, 28.5110, 31.3413



31.1956, 28.5110, 19.8700



21.5708, 28.5110, 30.7479



23.3774, 28.5110, 45.7745

Sweetspot

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



33.4996, 28.5123, 31.3419



76.2887, 75.8928, 83.3480



33.0519, 27.8661, 50.0913



16.5265, 16.2832, 17.9014



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.



33.4996, 28.5123, 31.3419



56.8248, 45.7347, 49.8237



33.6971, 30.8864, 25.3064



9.1138, 9.0559, 9.9468



14.1408, 7.2301, 3.3621



0.5269, 0.2662, 0.2681

Inverse Universe

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



33.4996, 28.5123, 31.3419



56.8248, 45.7347, 49.8237



33.5430, 39.2381, 52.2604



9.1138, 9.0559, 9.9468



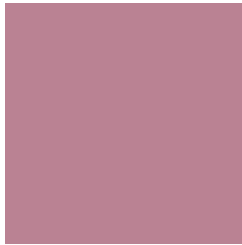
14.1408, 7.2301, 3.3621



0.5269, 0.2662, 0.2681

Previews

White Background



This preview shows how the XYZ color 33.4988, 28.5110, 31.3413 looks on a white background.

Color Contrast Check

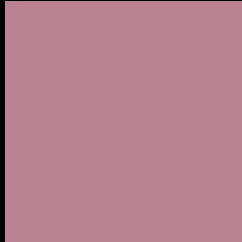
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4988, 28.5110, 31.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

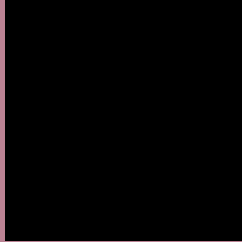
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.4988, 28.5110, 31.3413

Background



This preview shows how black text looks on a background with the XYZ color 33.4988, 28.5110, 31.3413.



This preview shows how white text looks on a background with the XYZ color 33.4988, 28.5110,

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

33.4988, 28.5110, 31.3413

Protanopia

27.9802, 28.7621, 35.5294

Deuteranopia

29.1329, 28.5677, 30.7667



Tritanopia

32.9316, 28.4700, 28.9589

Trichromacy



Original Color

33.4988, 28.5110, 31.3413

Protanomaly

29.8258, 28.6331, 34.0918

Deuteranomaly

30.4962, 28.4017, 31.0689

Tritanomaly

33.0818, 28.5301, 29.7499

Monochromacy



Original Color

33.4988, 28.5110, 31.3413

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.9186, 29.1655, 32.0696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4988, 28.5110, 31.3413 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(186, 130, 147)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 147)  
}
```

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(186, 130, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 147) }
```

Border

The CSS property to change the border of an element to XYZ 33.4988, 28.5110, 31.3413 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(186, 130, 147) }
```


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

```
.border{ border-color:rgb(186, 130, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 130, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 147);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4988, 28.5110, 31.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 147) }
```

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

```
.background{ background-color: rgb(186,  
130, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor