

Converting Colors

XYZ(33.4142, 28.4877, 30.8937)

Have a look what the booklet for
XYZ(33.4142, 28.4877, 30.8937)
contains.

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Color

**XYZ(33.4206, 28.4797,
30.9298)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8292
RGB	186, 130, 146
RGB Percent	73%, 51%, 57%
CMY	0.2706, 0.4902, 0.4274
CMYK	0.00, 0.30, 0.22, 0.27
HSL	343°, 29%, 62%
HSV	343°, 30%, 73%
XYZ	33.4206, 28.4797, 30.9298
YIQ	148.5680, 28.2400, 16.8480

Conversions

Conversions Part 2

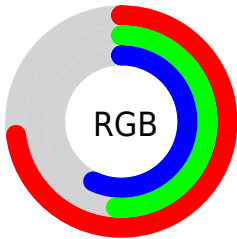
Format	Color
R _Y B	186, 130, 146
Decimal	12223122
CIE Lab	60.32, 23.94, 0.11
CIE LCh	60, 23.945, 0.270
Yxy	28.4797, 0.3600, 0.3068
Android (android.graphics.Color)	4290413202 (0xFFBA8292)
YUV	148.5680, -1.2660, 32.8279
Hunter-Lab	53.3664, 18.3942, 2.9935

Details

The XYZ color **33.4206, 28.4797, 30.9298** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.0217, 42.7665, 44.4939**, and the grayscale version is **28.3833, 29.8614, 32.5191**.

A 20% lighter version of the original color is **64.3210, 57.0918, 62.2733**, and **14.4957, 11.4874, 12.5196** is the 20% darker color. If you saturate the color by 10%, you get **30.1924, 23.5821, 25.0474**, and if you desaturate by 10%, it is **37.2178, 34.3224, 37.5951**.

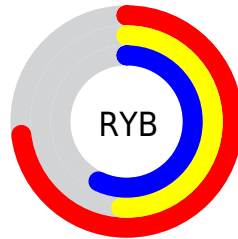
Distribution



Red (73%)

Green (51%)

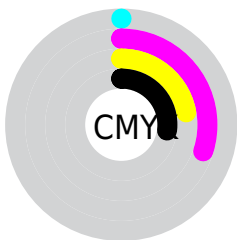
Blue (57%)



Red (73%)

Yellow (51%)

Blue (57%)

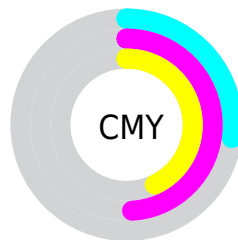


Cyan (0%)

Magenta (30%)

Yellow (22%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4206, 28.4797, 30.9298 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 33.4206, 28.4797, 30.9298 by changing the saturation by 10% instead.


 33.4206, 28.4797,
30.9298


 33.4206, 28.4797,
30.9298

309.1723,
294.7521, 320.5560


 22.6096, 18.6876,
20.2874

 64.3819, 57.2494,
62.2078

 14.4246, 11.4447,
12.4180


 85.2630, 76.9958,
83.6805

 8.5003, 6.3668,
6.9030


 110.2315,
100.8290, 109.6003

 4.4712, 3.0694,
3.3240

139.6527,
129.1335, 140.3859

 1.9720, 1.1681,
1.2624

173.8920,
162.2937, 176.4557

 0.6182, 0.0354,
0.0306

213.3148,

 0.0000, 0.0000,

200.6939, 218.2283

0.0000

258.2865,
244.7185, 266.1222

■ 33.4206, 28.4797,
30.9298

■ 33.4206, 28.4797,
30.9298

■ 30.1924, 23.5821,
25.0474

■ 37.2178, 34.3224,
37.5951

■ 27.5025, 19.5758,
19.9167

■ 41.6077, 41.1524,
45.0697

■ 25.3211, 16.4076,
15.5066


■ 46.6157, 49.0140,
53.3805


■ 23.6142, 14.0170,
11.7831


■ 52.2649, 57.9480,
62.5529


■ 22.3435, 12.3354,
8.7093


■ 58.5772, 67.9925,
72.6112

 21.4644, 11.2817,
6.2441

 65.5735, 79.1841,
83.5785

 20.8954, 10.6974,
4.3479

 71.5908, 88.1915,
94.9163

 73.6270, 89.0060,
105.6390

 74.0597, 89.1791,
107.9177

Harmonies

Analogous

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



32.5332, 28.4797, 40.1849



33.4206, 28.4797, 30.9298



32.5017, 28.4797, 23.2351

Triad

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



33.4206, 28.4797, 30.9298



24.1975, 28.4797, 18.5666



24.2424, 28.4797, 48.1549

Complementary

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



33.4206, 28.4797, 30.9298



34.0217, 42.7665, 44.4939

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.



22.2783, 28.4797, 40.3494



33.4206, 28.4797, 30.9298



22.2538, 28.4797, 23.3494

Square

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



33.4206, 28.4797, 30.9298



27.0412, 28.4797, 16.9749



21.5781, 28.4797, 31.0894



27.0970, 28.4797, 51.2049

Rectangle

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



33.4206, 28.4797, 30.9298



31.0257, 28.4797, 19.7275



21.5781, 28.4797, 31.0894



23.4641, 28.4797, 45.9356

Sweetspot

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



33.4214, 28.4810, 30.9304



76.2350, 75.8713, 83.0652



33.2517, 27.9691, 50.1005



16.5130, 16.2778, 17.8302



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.



33.4214, 28.4810, 30.9304



56.6653, 45.6709, 48.9837



33.8343, 31.1609, 25.3522



9.1073, 9.0533, 9.9124



14.0862, 7.2083, 3.0749



0.5242, 0.2651, 0.2537

Inverse Universe

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



33.4214, 28.4810, 30.9304



56.6653, 45.6709, 48.9837



33.3609, 38.8740, 52.1996



9.1073, 9.0533, 9.9124



14.0862, 7.2083, 3.0749



0.5242, 0.2651, 0.2537

Previews

White Background



This preview shows how the XYZ color 33.4206, 28.4797, 30.9298 looks on a white background.

Color Contrast Check

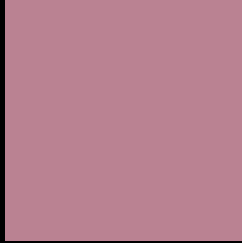
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4206, 28.4797, 30.9298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

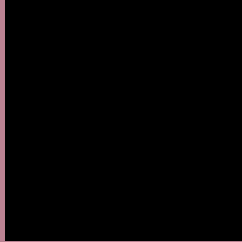
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.4206, 28.4797, 30.9298

Background



This preview shows how black text looks on a background with the XYZ color 33.4206, 28.4797, 30.9298.



This preview shows how white text looks on a background with the XYZ color 33.4206, 28.4797,

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

33.4206, 28.4797, 30.9298

Protanopia

27.8959, 28.7283, 35.0852

Deuteranopia

29.0561, 28.5370, 30.3623



Tritanopia

32.9316, 28.4700, 28.9589

Trichromacy



Original Color

33.4206, 28.4797, 30.9298

Protanomaly

29.7435, 28.6002, 33.6585

Deuteranomaly

30.4187, 28.3707, 30.6609

Tritanomaly

33.0818, 28.5301, 29.7499

Monochromacy



Original Color

33.4206, 28.4797, 30.9298

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 33.4206, 28.4797, 30.9298 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 146) }
```

Border

The CSS property to change the border of an element to XYZ 33.4206, 28.4797, 30.9298 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, 146) }
```


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

```
.border{ border-color:rgb(186, 130, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 146);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4206, 28.4797, 30.9298 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, 146) }
```

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

```
.background{ background-color: rgb(186,  
130, 146) }
```

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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