

Converting Colors

XYZ(33.1737, 28.2575, 29.3426)

Have a look what the booklet for
XYZ(33.1737, 28.2575, 29.3426)
contains.

XYZ(33.2263, 28.2183, 29.2866)	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(33.2263, 28.2183,
29.2866)**

Conversions

Conversions Part 1

Format	Color
Hex	BB818E
RGB	187, 129, 142
RGB Percent	73%, 51%, 56%
CMY	0.2667, 0.4941, 0.4431
CMYK	0.00, 0.31, 0.24, 0.27
HSL	347°, 30%, 62%
HSV	347°, 31%, 73%
XYZ	33.2263, 28.2183, 29.2866
YIQ	147.8240, 30.3950, 16.3390

Conversions

Conversions Part 2

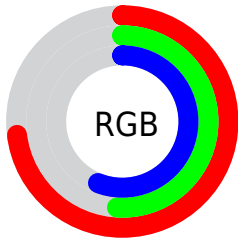
Format	Color
RYB	187, 129, 142
Decimal	12288398
CIELab	60.09, 24.27, 2.08
CIElCh	60, 24.358, 4.898
Yxy	28.2183, 0.3662, 0.3110
Android (android.graphics.Color)	4290478478 (0xFFBB818E)
YUV	147.8240, -2.8712, 34.3574
Hunter-Lab	53.1209, 18.6874, 4.4969

Details

The XYZ color **33.2263, 28.2183, 29.2866** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.4648, 43.2646, 46.5811**, and the grayscale version is **28.0784, 29.5406, 32.1697**.

A 20% lighter version of the original color is **64.0000, 56.6745, 59.7907**, and **14.2435, 11.2702, 11.5499** is the 20% darker color. If you saturate the color by 10%, you get **29.9654, 23.3277, 23.1703**, and if you desaturate by 10%, it is **37.0814, 34.0698, 36.3013**.

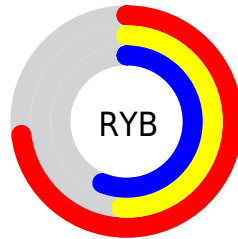
Distribution



Red (73%)

Green (51%)

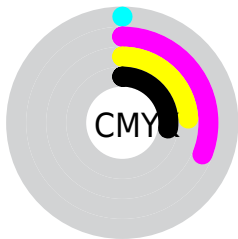
Blue (56%)



Red (73%)

Yellow (51%)

Blue (56%)

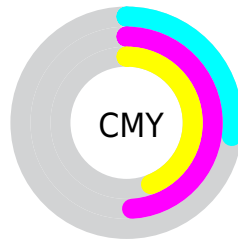


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.2263, 28.2183, 29.2866 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 33.2263, 28.2183, 29.2866 by changing the saturation by 10% instead.


 33.2263, 28.2183,
29.2866

 33.2263, 28.2183,
29.2866


308.3152,
293.5086, 312.6680

 22.4599, 18.4903,
19.0503


 64.0810, 56.8328,
59.5797

 14.3137, 11.3026,
11.5294


 84.9000, 76.4880,
80.4736

 8.4223, 6.2707,
6.3055


 109.8007,
100.2212, 105.7572

 4.4204, 3.0104,
2.9599

139.1482,
128.4165, 135.8489

 1.9426, 1.1372,
1.0742

173.3081,
161.4586, 171.1672

 0.6014, 0.0095,
0.0000

212.6457,

 0.0000, 0.0000,

199.7317, 212.1309

0.0000

257.5263,
243.6202, 259.1583

■ 33.2263, 28.2183,
29.2866

■ 33.2263, 28.2183,
29.2866

■ 29.9654, 23.3277,
23.1703

■ 37.0814, 34.0698,
36.3013

■ 27.2662, 19.3427,
17.9138

■ 41.5562, 40.9257,
44.2473

■ 25.0969, 16.2082,
13.4782

■ 46.6776, 48.8319,
53.1580

■ 23.4211, 13.8618,
9.8209

■ 52.4701, 57.8299,
63.0644

■ 22.1979, 12.2321,
6.8953

■ 58.9571, 67.9592,
73.9965

■ 21.3793, 11.2350,
4.6490

■ 66.1607, 79.2573,
85.9827

■ 20.9099, 10.7314,
3.1508

■ 72.5173, 88.5903,
98.5221

■ 74.3037, 89.3049,
107.9291

Harmonies

Analogous

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



32.6044, 28.2183, 38.5724



33.2263, 28.2183, 29.2866



32.0266, 28.2183, 21.9365

Triad

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



33.2263, 28.2183, 29.2866



23.5449, 28.2183, 18.7170



24.3645, 28.2183, 48.9753

Complementary

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



33.2263, 28.2183, 29.2866



34.4648, 43.2646, 46.5811

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.



22.2118, 28.2183, 41.5937



33.2263, 28.2183, 29.2866



21.7649, 28.2183, 24.0213

Square

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



33.2263, 28.2183, 29.2866



26.3136, 28.2183, 16.6328



21.2962, 28.2183, 32.2096



27.3342, 28.2183, 51.1265

Rectangle

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



33.2263, 28.2183, 29.2866



30.4059, 28.2183, 18.7421



21.2962, 28.2183, 32.2096



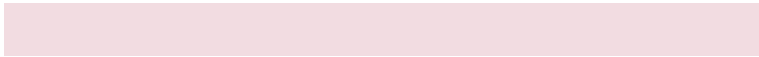
23.5289, 28.2183, 46.9619

Sweetspot

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



33.2271, 28.2196, 29.2872



76.0507, 75.7976, 82.0948



34.1579, 28.2273, 50.6622



16.4666, 16.2593, 17.5860



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.



33.2271, 28.2196, 29.2872



55.5467, 44.5846, 45.0627



34.5011, 32.2392, 25.1749



9.6154, 9.5705, 10.3636



14.4300, 7.4032, 2.2921



0.5907, 0.3002, 0.2237

Inverse Universe

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



33.2271, 28.2196, 29.2872



55.5467, 44.5846, 45.0627



32.6879, 37.5837, 52.5456



9.6154, 9.5705, 10.3636



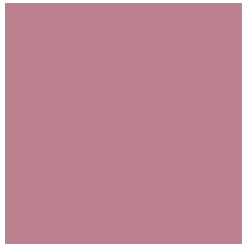
14.4300, 7.4032, 2.2921



0.5907, 0.3002, 0.2237

Previews

White Background



This preview shows how the XYZ color 33.2263, 28.2183, 29.2866 looks on a white background.

Color Contrast Check

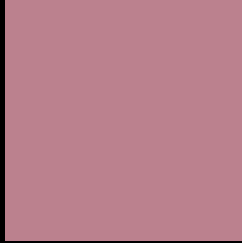
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2263, 28.2183, 29.2866 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 33.2263, 28.2183, 29.2866

Background



This preview shows how black text looks on a background with the XYZ color 33.2263, 28.2183, 29.2866.



This preview shows how white text looks on a background with the XYZ color 33.2263, 28.2183,

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

33.2263, 28.2183, 29.2866

Protanopia

27.4132, 28.2919, 33.2942

Deuteranopia

28.8096, 28.2267, 28.7408



Tritanopia

33.0040, 28.1294, 28.1161

Trichromacy



Original Color

33.2263, 28.2183, 29.2866

Protanomaly

29.2759, 28.1804, 31.9133

Deuteranomaly

30.1894, 28.0775, 29.0276

Tritanomaly

33.0774, 28.1588, 28.5028

Monochromacy



Original Color

33.2263, 28.2183, 29.2866

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.6135, 28.8065, 31.1935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2263, 28.2183, 29.2866 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, 129, 142)` looks like.

```
.text, #text, p{  
    color:rgb(187, 129, 142)  
}
```

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, 129, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 129, 142) }
```

Border

The CSS property to change the border of an element to XYZ 33.2263, 28.2183, 29.2866 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, 129, 142) }
```


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

```
.border{ border-color:rgb(187, 129, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 129, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 129, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 129, 142);  
box-shadow:4px 4px 4px 4px rgb(187, 129,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2263, 28.2183, 29.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 129, 142) }
```

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

```
.background{ background-color: rgb(187,  
129, 142) }
```

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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