

Converting Colors

XYZ(33.1170, 28.4275, 28.9403)

Have a look what the booklet for
XYZ(33.1170, 28.4275, 28.9403)
contains.

XYZ(33.0401, 28.3275, 28.9256)	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(33.0401, 28.3275,
28.9256)**

Conversions

Conversions Part 1

Format	Color
Hex	BA828D
RGB	186, 130, 141
RGB Percent	73%, 51%, 55%
CMY	0.2706, 0.4902, 0.4471
CMYK	0.00, 0.30, 0.24, 0.27
HSL	348°, 29%, 62%
HSV	348°, 30%, 73%
XYZ	33.0401, 28.3275, 28.9256
YIQ	147.9980, 29.8450, 15.2930

Conversions

Conversions Part 2

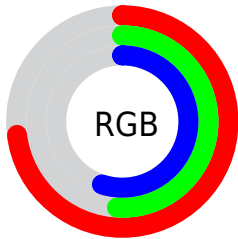
Format	Color
R _Y B	186, 130, 141
Decimal	12223117
CIE Lab	60.18, 23.19, 2.78
CIE LCh	60, 23.353, 6.840
Yxy	28.3275, 0.3659, 0.3137
Android (android.graphics.Color)	4290413197 (0xFFBA828D)
YUV	147.9980, -3.4500, 33.3278
Hunter-Lab	53.2236, 17.6678, 5.0340

Details

The XYZ color **33.0401, 28.3275, 28.9256** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.5040, 42.9596, 47.0333**, and the grayscale version is **28.1534, 29.6196, 32.2557**.

A 20% lighter version of the original color is **63.7460, 56.8618, 59.2454**, and **14.2727, 11.3982, 11.3453** is the 20% darker color. If you saturate the color by 10%, you get **29.7479, 23.4043, 22.7063**, and if you desaturate by 10%, it is **36.9312, 34.2078, 36.0858**.

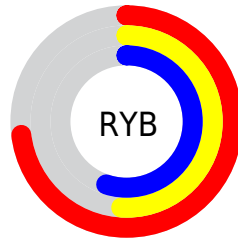
Distribution



Red (73%)

Green (51%)

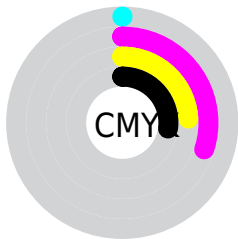
Blue (55%)



Red (73%)

Yellow (51%)

Blue (55%)

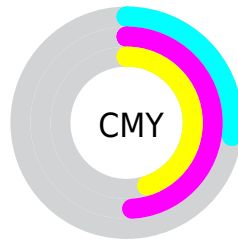


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0401, 28.3275, 28.9256 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 33.0401, 28.3275, 28.9256 by changing the saturation by 10% instead.


 33.0401, 28.3275,
28.9256

 33.0401, 28.3275,
28.9256


307.4922,
294.0285, 310.9137


 22.3165, 18.5727,
18.7795


 63.7924, 57.0069,
58.9996

 14.2076, 11.3619,
11.3358


 84.5518, 76.7002,
79.7646

 8.3479, 6.3108,
6.1762


 109.3873,
100.4752, 104.9062

 4.3720, 3.0350,
2.8820

138.6641,
128.7163, 134.8431

 1.9147, 1.1500,
1.0347

172.7477,
161.8077, 169.9938

 0.5853, 0.0203,
0.0000

212.0033,

 0.0000, 0.0000,

200.1340, 210.7767

0.0000

256.7963,
244.0795, 257.6105

■ 33.0401, 28.3275,
28.9256

■ 33.0401, 28.3275,
28.9256

■ 29.7479, 23.4043,
22.7063

■ 36.9312, 34.2078,
36.0858

■ 27.0221, 19.3837,
17.3867

■ 41.4469, 41.0881,
44.2223

■ 24.8309, 16.2115,
12.9250


■ 46.6140, 49.0134,
53.3708


■ 23.1380, 13.8266,
9.2754


■ 52.4571, 58.0249,
63.5646


■ 21.9027, 12.1590,
6.3876


■ 58.9997, 68.1616,
74.8355

 21.0773, 11.1268,
4.2054

 66.2640, 79.4604,
87.2139

 20.5764, 10.5698,
2.6671

 72.5882, 88.5905,
100.1680

 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.



32.5587, 28.3275, 37.7770



33.0401, 28.3275, 28.9256



31.7883, 28.3275, 21.9939

Triad

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



33.0401, 28.3275, 28.9256



23.6250, 28.3275, 19.4622



24.7278, 28.3275, 48.5767

Complementary

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



33.0401, 28.3275, 28.9256



34.5040, 42.9596, 47.0333

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.



22.5839, 28.3275, 41.7968



33.0401, 28.3275, 28.9256



21.9808, 28.3275, 24.8155

Square

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



33.0401, 28.3275, 28.9256



26.2460, 28.3275, 17.2233



21.6142, 28.3275, 32.8450



27.6144, 28.3275, 50.2312

Rectangle

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



33.0401, 28.3275, 28.9256



30.1902, 28.3275, 19.0197



21.6142, 28.3275, 32.8450



23.9031, 28.3275, 46.7677

Sweetspot

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



33.0409, 28.3288, 28.9262



75.9683, 75.7646, 81.6605



34.4809, 28.6027, 50.1582



16.4459, 16.2510, 17.4769



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.



33.0409, 28.3288, 28.9262



55.8941, 45.3624, 44.9230



34.6826, 32.8574, 25.6349



9.0748, 9.0403, 9.7412



13.8647, 7.1197, 1.9086



0.5104, 0.2597, 0.1814

Inverse Universe

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



33.0409, 28.3288, 28.9262



55.8941, 45.3624, 44.9230



32.2952, 36.7425, 51.8446



9.0748, 9.0403, 9.7412



13.8647, 7.1197, 1.9086



0.5104, 0.2597, 0.1814

Previews

White Background



This preview shows how the XYZ color 33.0401, 28.3275, 28.9256 looks on a white background.

Color Contrast Check

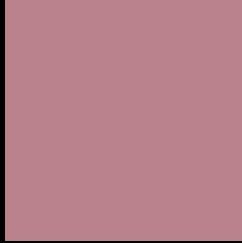
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0401, 28.3275, 28.9256 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 33.0401, 28.3275, 28.9256

Background



This preview shows how black text looks on a background with the XYZ color 33.0401, 28.3275, 28.9256.



This preview shows how white text looks on a background with the XYZ color 33.0401, 28.3275,

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

33.0401, 28.3275, 28.9256

Protanopia

27.5828, 28.6238, 32.5049

Deuteranopia

28.9386, 28.3016, 28.3636



Tritanopia

32.9660, 28.2978, 28.5355

Trichromacy



Original Color

33.0401, 28.3275, 28.9256

Protanomaly

29.2643, 28.4086, 31.1351

Deuteranomaly

30.3324, 28.1597, 28.6476

Tritanomaly

32.9660, 28.2978, 28.5355

Monochromacy



Original Color

33.0401, 28.3275, 28.9256

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.5360, 28.7755, 30.7856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0401, 28.3275, 28.9256 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 141) }
```

Border

The CSS property to change the border of an element to XYZ 33.0401, 28.3275, 28.9256 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, 141) }
```


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

```
.border{ border-color:rgb(186, 130, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 141);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0401, 28.3275, 28.9256 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, 141) }
```

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

```
.background{ background-color: rgb(186,  
130, 141) }
```

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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