

Converting Colors

XYZ(33.5110, 28.4796, 28.4327)

Have a look what the booklet for
XYZ(33.5110, 28.4796, 28.4327)
contains.

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Color

**XYZ(33.5701, 28.4128,
28.5258)**

Conversions

Conversions Part 1

Format	Color
Hex	BD818C
RGB	189, 129, 140
RGB Percent	74%, 51%, 55%
CMY	0.2588, 0.4941, 0.4510
CMYK	0.00, 0.32, 0.26, 0.26
HSL	349°, 31%, 62%
HSV	349°, 32%, 74%
XYZ	33.5701, 28.4128, 28.5258
YIQ	148.1940, 32.2290, 16.1410

Conversions

Conversions Part 2

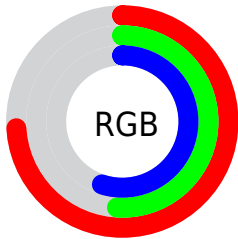
Format	Color
R_{YB}	189, 129, 140
Decimal	12419468
CIE _{Lab}	60.26, 24.73, 3.51
CIE _{LCh}	60, 24.975, 8.075
Yxy	28.4128, 0.3709, 0.3139
Android (android.graphics.Color)	4290609548 (0xFFBD818C)
YUV	148.1940, -4.0396, 35.7869
Hunter-Lab	53.3037, 19.1361, 5.5831

Details

The XYZ color **33.5701, 28.4128, 28.5258** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.2879, 44.2772, 48.8082**, and the grayscale version is **28.2369, 29.7074, 32.3513**.

A 20% lighter version of the original color is **64.3596, 56.8990, 58.0426**, and **14.4730, 11.3985, 11.1102** is the 20% darker color. If you saturate the color by 10%, you get **30.2475, 23.4629, 22.1912**, and if you desaturate by 10%, it is **37.5145, 34.3501, 35.8561**.

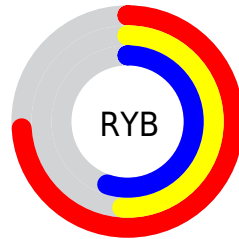
Distribution



Red (74%)

Green (51%)

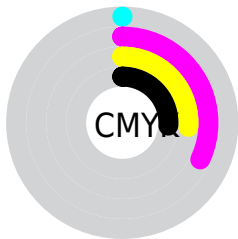
Blue (55%)



Red (74%)

Yellow (51%)

Blue (55%)

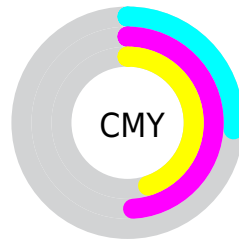


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (26%)



Cyan (26%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5701, 28.4128, 28.5258 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 33.5701, 28.4128, 28.5258 by changing the saturation by 10% instead.


 33.5701, 28.4128,
28.5258


 33.5701, 28.4128,
28.5258


309.8306,
294.4342, 308.9615


 22.7249, 18.6371,
18.4799


 64.6133, 57.1428,
58.3560

 14.5101, 11.4083,
11.1221


 85.5420, 76.8659,
78.9774

 8.5603, 6.3422,
6.0338


 110.5626,
100.6736, 103.9610

 4.5103, 3.0542,
2.7965

140.0403,
128.9502, 133.7254

 1.9947, 1.1601,
0.9917

174.3407,
162.0802, 168.6891

 0.6310, 0.0288,
0.0000

213.8289,

 0.0000, 0.0000,

200.4479, 209.2706

0.0000

258.8704,
244.4378, 255.8886

■ 33.5701, 28.4128,
28.5258

■ 33.5701, 28.4128,
28.5258

■ 30.2475, 23.4629,
22.1912

■ 37.5145, 34.3501,
35.8561

■ 27.5122, 19.4430,
16.8072

■ 42.1079, 41.3203,
44.2209

■ 25.3300, 16.2957,
12.3279

■ 47.3789, 49.3708,
53.6591

■ 23.6623, 13.9559,
8.7027

■ 53.3537, 58.5449,
64.2072

■ 22.4650, 12.3488,
5.8759

■ 60.0570, 68.8837,
75.8997

■ 21.6867, 11.3862,
3.7849

■ 67.5124, 80.4258,
88.7697

■ 21.2843, 10.9380,
2.5516

■ 73.6978, 89.1194,
102.1676

■ 74.7963, 89.5588,
107.9521

Harmonies

Analogous

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



33.1279, 28.4128, 37.9973



33.5701, 28.4128, 28.5258



32.1469, 28.4128, 21.2886

Triad

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



33.5701, 28.4128, 28.5258



23.3845, 28.4128, 19.0306



24.7716, 28.4128, 50.3420

Complementary

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



33.5701, 28.4128, 28.5258



35.2879, 44.2772, 48.8082

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.



22.4438, 28.4128, 43.1319



33.5701, 28.4128, 28.5258



21.6881, 28.4128, 24.8099

Square

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



33.5701, 28.4128, 28.5258



26.1500, 28.4128, 16.5590



21.3579, 28.4128, 33.4798



27.8795, 28.4128, 51.8796

Rectangle

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



33.5701, 28.4128, 28.5258



30.3932, 28.4128, 18.2566



21.3579, 28.4128, 33.4798



23.8794, 28.4128, 48.4413

Sweetspot

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



33.5709, 28.4141, 28.5264



76.8280, 76.1568, 81.7464



35.3965, 28.8411, 51.8454



16.2516, 15.9659, 17.0926



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.



33.5709, 28.4141, 28.5264



55.9234, 44.6184, 43.1149



35.5395, 33.5848, 25.3800



9.5997, 9.5642, 10.2809



14.3417, 7.3678, 1.8271



0.5838, 0.2974, 0.1877

Inverse Universe

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



33.5709, 28.4141, 28.5264



55.9234, 44.6184, 43.1149



32.6144, 37.0917, 53.5846



9.5997, 9.5642, 10.2809



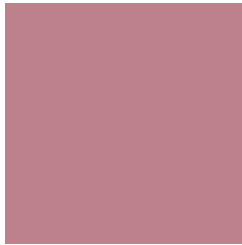
14.3417, 7.3678, 1.8271



0.5838, 0.2974, 0.1877

Previews

White Background



This preview shows how the XYZ color 33.5701, 28.4128, 28.5258 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 33.5701, 28.4128, 28.5258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

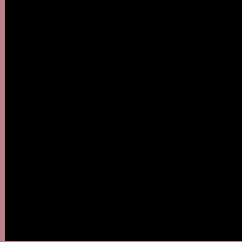
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5701, 28.4128, 28.5258

Background



This preview shows how black text looks on a background with the XYZ color 33.5701, 28.4128, 28.5258.



This preview shows how white text looks on a background with the XYZ color 33.5701, 28.4128,

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

33.5701, 28.4128, 28.5258

Protanopia

27.5828, 28.6238, 32.5049

Deuteranopia

29.2166, 28.6713, 28.0390



Tritanopia

33.4967, 28.3834, 28.1392

Trichromacy



Original Color

33.5701, 28.4128, 28.5258

Protanomaly

29.3212, 28.2219, 31.0961

Deuteranomaly

30.6191, 28.5261, 28.3184

Tritanomaly

33.4967, 28.3834, 28.1392

Monochromacy



Original Color

33.5701, 28.4128, 28.5258

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.7400, 28.8806, 30.7951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5701, 28.4128, 28.5258 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(189, 129, 140)` looks like.

```
.text, #text, p{  
    color:rgb(189, 129, 140)  
}
```

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(189, 129, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 129, 140) }
```

Border

The CSS property to change the border of an element to XYZ 33.5701, 28.4128, 28.5258 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(189, 129, 140) }
```


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

```
.border{ border-color:rgb(189, 129, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 129, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 129, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 129, 140);  
box-shadow:4px 4px 4px 4px rgb(189, 129,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5701, 28.4128, 28.5258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 129, 140) }
```

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

```
.background{ background-color: rgb(189,  
129, 140) }
```

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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