

Converting Colors

XYZ(34.1231, 28.3264, 30.6215)

Have a look what the booklet for
XYZ(34.1231, 28.3264, 30.6215)
contains.

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Color

**XYZ(33.9354, 28.1702,
30.4369)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7F91
RGB	190, 127, 145
RGB Percent	75%, 50%, 57%
CMY	0.2549, 0.5019, 0.4314
CMYK	0.00, 0.33, 0.24, 0.25
HSL	343°, 33%, 62%
HSV	343°, 33%, 75%
XYZ	33.9354, 28.1702, 30.4369
YIQ	147.8890, 31.7700, 18.9540

Conversions

Conversions Part 2

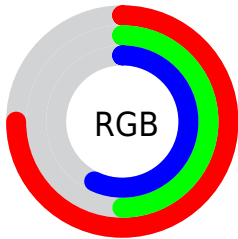
Format	Color
RYB	190, 127, 145
Decimal	12484497
CIELab	60.04, 26.94, 0.34
CIElCh	60, 26.945, 0.716
Yxy	28.1702, 0.3667, 0.3044
Android (android.graphics.Color)	4290674577 (0xFFBE7F91)
YUV	147.8890, -1.4243, 36.9313
Hunter-Lab	53.0756, 21.2467, 3.1523

Details

The XYZ color **33.9354, 28.1702, 30.4369** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.6134, 44.3182, 45.7617**, and the grayscale version is **28.0992, 29.5625, 32.1936**.

A 20% lighter version of the original color is **64.9878, 56.5402, 61.5209**, and **14.7111, 11.2849, 12.2293** is the 20% darker color. If you saturate the color by 10%, you get **30.7242, 23.3237, 24.5080**, and if you desaturate by 10%, it is **37.7359, 33.9948, 37.1798**.

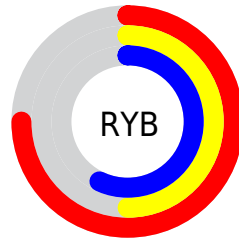
Distribution



Red (75%)

Green (50%)

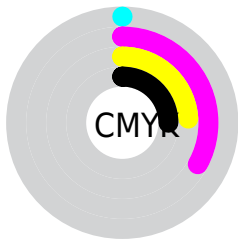
Blue (57%)



Red (75%)

Yellow (50%)

Blue (57%)

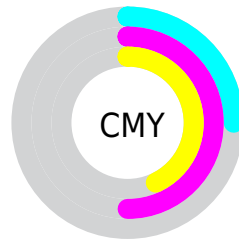


Cyan (0%)

Magenta (33%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9354, 28.1702, 30.4369 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 33.9354, 28.1702, 30.4369 by changing the saturation by 10% instead.


 33.9354, 28.1702,
30.4369


 33.9354, 28.1702,
30.4369


311.4349,
293.2793, 318.2061


 23.0066, 18.4540,
19.9156

 65.1782, 56.7561,
61.4216

 14.7191, 11.2764,
12.1502

 86.2229, 76.3945,
82.7220

 8.7075, 6.2531,
6.7223


 111.3702,
100.1092, 108.4526

 4.6065, 2.9996,
3.2132

140.9857,
128.2844, 139.0318

 2.0506, 1.1315,
1.2045

175.4345,
161.3047, 174.8782

 0.6622, 0.0047,
0.0000

215.0821,

 0.0000, 0.0000,

199.5543, 216.4104

0.0000

260.2937,
243.4177, 264.0469

■ 33.9354, 28.1702,
30.4369

■ 33.9354, 28.1702,
30.4369

■ 30.7242, 23.3237,
24.5080

■ 37.7359, 33.9948,
37.1798

■ 28.0696, 19.3973,
19.3595

■ 42.1517, 40.8433,
44.7649

■ 25.9389, 16.3334,
14.9581


■ 47.2097, 48.7634,
53.2212


■ 24.2953, 14.0656,
11.2670


■ 52.9349, 57.7984,
62.5757


■ 23.0964, 12.5183,
8.2461


■ 59.3506, 67.9894,
72.8542


 22.2924, 11.6004,
5.8504

 66.4792, 79.3756,
84.0815

 21.9077, 11.2162,
4.5347

 72.7244, 88.7589,
95.7423

 74.8173, 89.5960,
106.7630

 75.0453, 89.6872,
107.9638

Harmonies

Analogous

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



32.9572, 28.1702, 40.8840



33.9354, 28.1702, 30.4369



32.8626, 28.1702, 21.9915

Triad

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



33.9354, 28.1702, 30.4369



23.5417, 28.1702, 17.1176



23.6731, 28.1702, 50.3007

Complementary

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



33.9354, 28.1702, 30.4369



34.6134, 44.3182, 45.7617

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.



21.4897, 28.1702, 41.3817



33.9354, 28.1702, 30.4369



21.4186, 28.1702, 22.3209

Square

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



33.9354, 28.1702, 30.4369



26.6925, 28.1702, 15.3824



20.7000, 28.1702, 30.9094



26.8575, 28.1702, 53.7349

Rectangle

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



33.9354, 28.1702, 30.4369



31.1774, 28.1702, 18.2398



20.7000, 28.1702, 30.9094



22.8078, 28.1702, 47.7623

Sweetspot

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



33.9362, 28.1715, 30.4375



79.0044, 78.1030, 85.5398



33.7010, 27.5670, 52.2601



17.0722, 16.7189, 18.3184



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.9362, 28.1715, 30.4375



57.0391, 44.3079, 46.9711



34.3867, 31.1202, 24.2747



9.6392, 9.5800, 10.4892



14.5971, 7.4700, 3.1718



0.6010, 0.3043, 0.2781

Inverse Universe

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



33.9362, 28.1715, 30.4375



57.0391, 44.3079, 46.9711



33.8489, 39.8331, 54.6199



9.6392, 9.5800, 10.4892



14.5971, 7.4700, 3.1718



0.6010, 0.3043, 0.2781

Previews

White Background



This preview shows how the XYZ color 33.9354, 28.1702, 30.4369 looks on a white background.

Color Contrast Check

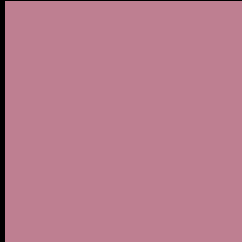
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9354, 28.1702, 30.4369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

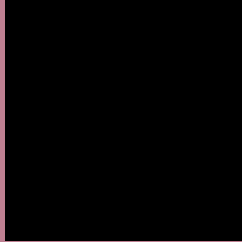
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.9354, 28.1702, 30.4369

Background



This preview shows how black text looks on a background with the XYZ color 33.9354, 28.1702, 30.4369.



This preview shows how white text looks on a background with the XYZ color 33.9354, 28.1702,

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

33.9354, 28.1702, 30.4369

Protanopia

27.5667, 28.3328, 35.0262

Deuteranopia

28.8332, 28.2129, 29.9126



Tritanopia

33.2929, 28.0921, 27.7124

Trichromacy



Original Color

33.9354, 28.1702, 30.4369

Protanomaly

29.3723, 27.9884, 33.1324

Deuteranomaly

30.4926, 27.9995, 30.1829

Tritanomaly

33.5132, 28.1802, 28.8723

Monochromacy



Original Color

33.9354, 28.1702, 30.4369

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.7488, 28.6493, 31.5657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9354, 28.1702, 30.4369 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(190, 127, 145)` looks like.

```
.text, #text, p{  
    color:rgb(190, 127, 145)  
}
```

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(190, 127, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 127, 145) }
```

Border

The CSS property to change the border of an element to XYZ 33.9354, 28.1702, 30.4369 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(190, 127, 145) }
```


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

```
.border{ border-color:rgb(190, 127, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 127, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 127, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 127, 145);  
box-shadow:4px 4px 4px 4px rgb(190, 127,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9354, 28.1702, 30.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 127, 145) }
```

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

```
.background{ background-color: rgb(190,  
127, 145) }
```

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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