

Converting Colors

XYZ(34.0940, 28.5108, 32.4721)

Have a look what the booklet for
XYZ(34.0940, 28.5108, 32.4721)
contains.

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Color

**XYZ(34.0943, 28.5939,
32.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8196
RGB	188, 129, 150
RGB Percent	74%, 51%, 59%
CMY	0.2627, 0.4941, 0.4118
CMYK	0.00, 0.31, 0.20, 0.26
HSL	339°, 31%, 62%
HSV	339°, 31%, 74%
XYZ	34.0943, 28.5939, 32.5764
YIQ	149.0350, 28.4230, 19.0390

Conversions

Conversions Part 2

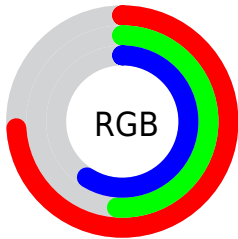
Format	Color
RYB	188, 129, 150
Decimal	12353942
CIELab	60.42, 25.86, -2.00
CIELCh	60, 25.938, 355.568
Yxy	28.5939, 0.3579, 0.3002
Android (android.graphics.Color)	4290544022 (0xFFBC8196)
YUV	149.0350, 0.4757, 34.1723
Hunter-Lab	53.4733, 20.2325, 1.3113

Details

The XYZ color **34.0943, 28.5939, 32.5764** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.0127, 43.4243, 43.1503**, and the grayscale version is **28.5722, 30.0602, 32.7355**.

A 20% lighter version of the original color is **65.2832, 57.2280, 64.7321**, and **14.8796, 11.5611, 13.2517** is the 20% darker color. If you saturate the color by 10%, you get **30.9168, 23.7194, 26.9525**, and if you desaturate by 10%, it is **37.8298, 34.4226, 38.8842**.

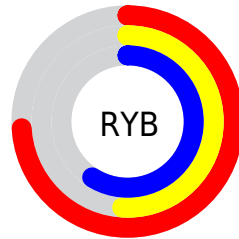
Distribution



Red (74%)

Green (51%)

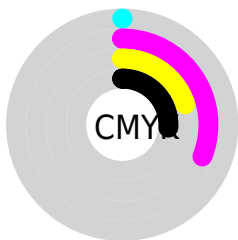
Blue (59%)



Red (74%)

Yellow (51%)

Blue (59%)

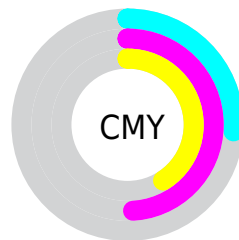


Cyan (0%)

Magenta (31%)

Yellow (20%)

Black (26%)



Cyan (26%)


Magenta (49%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0943, 28.5939, 32.5764 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 34.0943, 28.5939, 32.5764 by changing the saturation by 10% instead.


 34.0943, 28.5939,
32.5764

 34.0943, 28.5939,
32.5764


312.1308,
295.2940, 328.3099


 23.1293, 18.7738,
21.5337


 65.4236, 57.4312,
64.8220

 14.8102, 11.5070,
13.3196


 86.5186, 77.2173,
86.8619

 8.7717, 6.4089,
7.5157


 111.7210,
101.0942, 113.4047

 4.6485, 3.0953,
3.7034

141.3961,
129.4462, 144.8689

 2.0752, 1.1817,
1.4641

175.9092,
162.6578, 181.6729

 0.6757, 0.0467,
0.1909

215.6259,

 0.0000, 0.0000,

201.1134, 224.2354

0.0000

260.9113,
245.1973, 272.9749

■ 34.0943, 28.5939,
32.5764

■ 34.0943, 28.5939,
32.5764

■ 30.9168, 23.7194,
26.9525

■ 37.8298, 34.4226,
38.8842

■ 28.2668, 19.7437,
21.9863

■ 42.1470, 41.2488,
45.8971

■ 26.1145, 16.6122,
17.6523


■ 47.0708, 49.1182,
53.6376


■ 24.4259, 14.2623,
13.9228


■ 52.6244, 58.0721,
62.1267


■ 23.1626, 12.6227,
10.7673

■ 58.8293, 68.1499,
71.3843

 22.2793, 11.6088,
8.1518

 65.7062, 79.3888,
81.4298

 21.7495, 11.0956,
6.2911

 71.4607, 88.1960,
91.6769

 73.2683, 88.9191,
101.1958

 74.5491, 89.4314,
107.9406

Harmonies

Analogous

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



32.8244, 28.5939, 42.7304



34.0943, 28.5939, 32.5764



33.3902, 28.5939, 23.8535

Triad

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



34.0943, 28.5939, 32.5764



24.4999, 28.5939, 17.3186



23.7067, 28.5939, 48.8951

Complementary

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



34.0943, 28.5939, 32.5764



34.0127, 43.4243, 43.1503

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.



21.7878, 28.5939, 39.7627



34.0943, 28.5939, 32.5764



22.2188, 28.5939, 21.8518

Square

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



34.0943, 28.5939, 32.5764



27.6768, 28.5939, 16.1646



21.2660, 28.5939, 29.7346



26.6846, 28.5939, 53.2992

Rectangle

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



34.0943, 28.5939, 32.5764



31.9245, 28.5939, 19.7633



21.2660, 28.5939, 29.7346



22.9263, 28.5939, 46.1959

Sweetspot

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



34.0951, 28.5952, 32.5770



78.2808, 77.7754, 86.1984



32.7313, 27.4795, 51.1561



16.5664, 16.2992, 18.1114



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.



34.0951, 28.5952, 32.5770



57.5229, 45.2582, 51.5379



33.6292, 30.1311, 24.8140



9.6667, 9.5910, 10.6336



14.8406, 7.5674, 4.4541



0.6129, 0.3090, 0.3406

Inverse Universe

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



34.0951, 28.5952, 32.5770



57.5229, 45.2582, 51.5379



34.4795, 40.9951, 53.6727



9.6667, 9.5910, 10.6336



14.8406, 7.5674, 4.4541



0.6129, 0.3090, 0.3406

Previews

White Background



This preview shows how the XYZ color 34.0943, 28.5939, 32.5764 looks on a white background.

Color Contrast Check

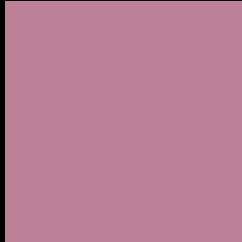
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0943, 28.5939, 32.5764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

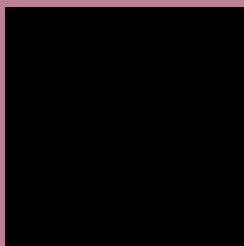
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0943, 28.5939, 32.5764

Background



This preview shows how black text looks on a background with the XYZ color 34.0943, 28.5939, 32.5764.



This preview shows how white text looks on a background with the XYZ color 34.0943, 28.5939,

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

34.0943, 28.5939, 32.5764

Protanopia

28.1476, 28.8086, 37.3348

Deuteranopia

29.1682, 28.5588, 31.9920



Tritanopia

33.4175, 28.7205, 28.9816

Trichromacy



Original Color

34.0943, 28.5939, 32.5764

Protanomaly

29.9313, 28.4426, 35.3649

Deuteranomaly

30.9480, 28.6073, 32.3244

Tritanomaly

33.5102, 28.5437, 30.1289

Monochromacy



Original Color

34.0943, 28.5939, 32.5764

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.2021, 29.3025, 32.4979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0943, 28.5939, 32.5764 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(188, 129, 150)` looks like.

```
.text, #text, p{  
  color:rgb(188, 129, 150)  
}
```

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(188, 129, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 129, 150) }
```

Border

The CSS property to change the border of an element to XYZ 34.0943, 28.5939, 32.5764 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(188, 129, 150) }
```


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

```
.border{ border-color:rgb(188, 129, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 129, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 129, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 129, 150);  
box-shadow:4px 4px 4px 4px rgb(188, 129,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0943, 28.5939, 32.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 129, 150) }
```

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

```
.background{ background-color: rgb(188,  
129, 150) }
```

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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