

Converting Colors

XYZ(34.4785, 28.5993, 39.7827)

Have a look what the booklet for
XYZ(34.4785, 28.5993, 39.7827)
contains.

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Color

**XYZ(34.5004, 28.6440,
39.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	B881A6
RGB	184, 129, 166
RGB Percent	72%, 51%, 65%
CMY	0.2784, 0.4941, 0.3490
CMYK	0.00, 0.30, 0.10, 0.28
HSL	320°, 28%, 61%
HSV	320°, 30%, 72%
XYZ	34.5004, 28.6440, 39.7869
YIQ	149.6630, 20.9030, 23.1670

Conversions

Conversions Part 2

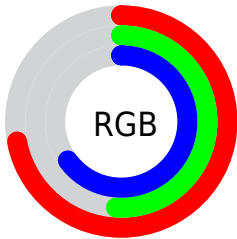
Format	Color
RYB	184, 129, 166
Decimal	12091814
CIELab	60.47, 27.07, -11.15
CIElCh	60, 29.278, 337.622
Yxy	28.6440, 0.3352, 0.2783
Android (android.graphics.Color)	4290281894 (0xFFB881A6)
YUV	149.6630, 8.0541, 30.1135
Hunter-Lab	53.5201, 21.4054, -6.6122

Details

The XYZ color **34.5004, 28.6440, 39.7869** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.4614, 41.0556, 33.8719**, and the grayscale version is **28.8082, 30.3085, 33.0059**.

A 20% lighter version of the original color is **66.0547, 57.3771, 76.0000**, and **15.0392, 11.5527, 17.3568** is the 20% darker color. If you saturate the color by 10%, you get **31.7521, 24.0105, 36.2089**, and if you desaturate by 10%, it is **37.7128, 34.1633, 43.6479**.

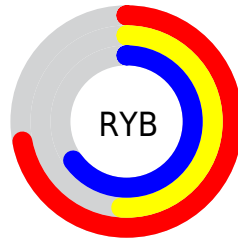
Distribution



Red (72%)

Green (51%)

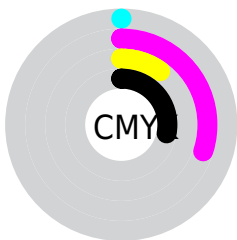
Blue (65%)



Red (72%)

Yellow (51%)

Blue (65%)

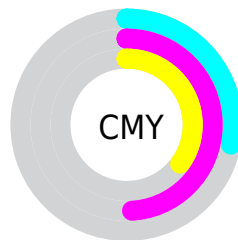


Cyan (0%)

Magenta (30%)

Yellow (10%)

Black (28%)



Cyan (28%)


Magenta (49%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5004, 28.6440, 39.7869 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 34.5004, 28.6440, 39.7869 by changing the saturation by 10% instead.


 34.5004, 28.6440,
39.7869


 34.5004, 28.6440,
39.7869


313.9044,
295.5315, 360.7499


 23.4430, 18.8117,
27.0599


 66.0502, 57.5110,
76.0724

 15.0434, 11.5343,
17.3854


 87.2733, 77.3144,
100.4681

 8.9364, 6.4274,
10.3448


 112.6157,
101.2104, 129.5903

 4.7565, 3.1067,
5.5196

142.4428,
129.5833, 163.8577

 2.1384, 1.1877,
2.4912

177.1198,
162.8174, 203.6889

 0.7100, 0.0516,
0.8355

217.0122,

 0.0000, 0.0000,

201.2972, 249.5023

0.0000

262.4852,
245.4071, 301.7164

■ 34.5004, 28.6440,
39.7869

■ 34.5004, 28.6440,
39.7869

■ 31.7521, 24.0105,
36.2089

■ 37.7128, 34.1633,
43.6479

■ 29.4414, 20.2118,
32.9023

■ 41.4086, 40.6080,
47.7991

■ 27.5432, 17.1979,
29.8575

■ 45.6093, 48.0200,
52.2495

■ 26.0287, 14.9117,
27.0629

■ 50.3342, 56.4375,
57.0074

■ 24.8652, 13.2883,
24.5058

■ 55.6017, 65.8965,
62.0803

■ 24.0140, 12.2511,
22.1714

■ 61.4292, 76.4314,
67.4757

■ 23.3979, 11.6462,
20.0322

■ 66.9319, 86.2723,
72.9002

■ 23.3915, 11.6401,
20.0093

■ 67.6879, 86.5747,
76.8813

■ 68.4724, 86.8885,
81.0123

Harmonies

Analogous

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



31.8988, 28.6440, 50.7110



34.5004, 28.6440, 39.7869



35.0682, 28.6440, 28.5128

Triad

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



34.5004, 28.6440, 39.7869



26.2742, 28.6440, 14.7940



21.8735, 28.6440, 45.6702

Complementary

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



34.5004, 28.6440, 39.7869



31.4614, 41.0556, 33.8719

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.



20.6486, 28.6440, 34.0265



34.5004, 28.6440, 39.7869



23.0321, 28.6440, 17.4557

Square

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



34.5004, 28.6440, 39.7869



30.0819, 28.6440, 15.6500



21.0523, 28.6440, 23.9277



24.5554, 28.6440, 54.6182

Rectangle

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



34.5004, 28.6440, 39.7869



34.1729, 28.6440, 22.5125



21.0523, 28.6440, 23.9277



21.2895, 28.6440, 41.8482

Sweetspot

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



34.5013, 28.6453, 39.7875



75.5942, 74.5441, 87.2251



28.4315, 25.3119, 48.7352



16.0733, 15.6785, 18.5607



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.5013, 28.6453, 39.7875



59.1068, 46.1152, 67.7147



32.2848, 27.7587, 28.1158



9.2525, 9.1114, 10.6772



16.1547, 8.0356, 13.9672



0.5967, 0.2942, 0.6356

Inverse Universe

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



34.5013, 28.6453, 39.7875



59.1068, 46.1152, 67.7147



33.8266, 42.0017, 46.3270



9.2525, 9.1114, 10.6772



16.1547, 8.0356, 13.9672



0.5967, 0.2942, 0.6356

Previews

White Background



This preview shows how the XYZ color 34.5004, 28.6440, 39.7869 looks on a white background.

Color Contrast Check

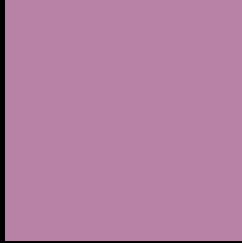
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5004, 28.6440, 39.7869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

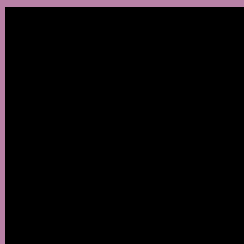
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5004, 28.6440, 39.7869

Background



This preview shows how black text looks on a background with the XYZ color 34.5004, 28.6440, 39.7869.



This preview shows how white text looks on a background with the XYZ color 34.5004, 28.6440,

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

34.5004, 28.6440, 39.7869

Protanopia

28.6093, 28.8744, 45.1397

Deuteranopia

29.3227, 28.7017, 39.1165



Tritanopia

32.4015, 28.5820, 29.7957

Trichromacy



Original Color

34.5004, 28.6440, 39.7869

Protanomaly

30.1966, 28.4124, 42.9223

Deuteranomaly

31.0470, 28.5004, 39.4621

Tritanomaly

33.1286, 28.6820, 33.0683

Monochromacy



Original Color

34.5004, 28.6440, 39.7869

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.5740, 29.4277, 35.5212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5004, 28.6440, 39.7869 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(184, 129, 166)` looks like.

```
.text, #text, p{  
    color:rgb(184, 129, 166)  
}
```

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(184, 129, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 129, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.5004, 28.6440, 39.7869 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(184, 129, 166) }
```


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

```
.border{ border-color:rgb(184, 129, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 129, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 129, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 129, 166);  
box-shadow:4px 4px 4px 4px rgb(184, 129,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5004, 28.6440, 39.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 129, 166) }
```

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

```
.background{ background-color: rgb(184,  
129, 166) }
```

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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