

Converting Colors

XYZ(34.1566, 27.9543, 43.0813)

Have a look what the booklet for
XYZ(34.1566, 27.9543, 43.0813)
contains.

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Color

**XYZ(34.1883, 28.0196,
43.1416)**

Conversions

Conversions Part 1

Format	Color
Hex	B57FAD
RGB	181, 127, 173
RGB Percent	71%, 50%, 68%
CMY	0.2902, 0.5019, 0.3216
CMYK	0.00, 0.30, 0.04, 0.29
HSL	309°, 27%, 60%
HSV	309°, 30%, 71%
XYZ	34.1883, 28.0196, 43.1416
YIQ	148.3900, 17.4180, 25.7540

Conversions

Conversions Part 2

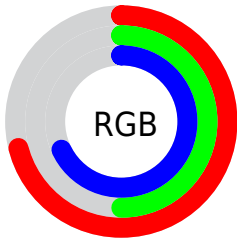
Format	Color
RYB	181, 127, 173
Decimal	11894701
CIELab	59.91, 28.41, -16.02
CIELCh	60, 32.614, 330.576
Yxy	28.0196, 0.3245, 0.2660
Android (android.graphics.Color)	4290084781 (0xFFB57FAD)
YUV	148.3900, 12.1327, 28.5990
Hunter-Lab	52.9335, 22.6545, -11.2687

Details

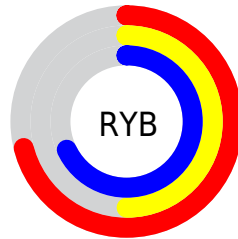
The XYZ color **34.1883, 28.0196, 43.1416** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.6506, 39.3100, 28.9482**, and the grayscale version is **28.2576, 29.7292, 32.3752**.

A 20% lighter version of the original color is **65.5847, 56.4211, 80.8325**, and **14.8575, 11.2003, 19.4680** is the 20% darker color. If you saturate the color by 10%, you get **31.8007, 23.6551, 41.0784**, and if you desaturate by 10%, it is **37.0028, 33.2286, 45.3734**.

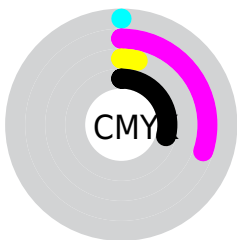
Distribution



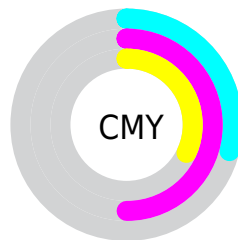
- Red (71%)
- Green (50%)
- Blue (68%)



- Red (71%)
- Yellow (50%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (50%)
- Yellow (32%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1883, 28.0196, 43.1416 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 34.1883, 28.0196, 43.1416 by changing the saturation by 10% instead.

■ 34.1883, 28.0196,
43.1416

■ 34.1883, 28.0196,
43.1416

312.5420,
292.5606, 375.1321

■ 23.2019, 18.3404,
29.6640

■ 65.5687, 56.5157,
81.2131

■ 14.8642, 11.1947,
19.3338

■ 86.6934, 76.1015,
106.6442

■ 8.8098, 6.1979,
11.7325

■ 111.9283, 99.7582,
136.8968

■ 4.6734, 2.9658,
6.4415

141.6386,
127.8704, 172.3895

■ 2.0897, 1.1139,
3.0422

176.1898,
160.8223, 213.5408

■ 0.6836, 0.0000,
1.1162

215.9472,

■ 0.0000, 0.0000,

198.9983, 260.7693

0.0000

261.2762,
242.7830, 314.4936

■ 34.1883, 28.0196,
43.1416

■ 34.1883, 28.0196,
43.1416

■ 31.8007, 23.6551,
41.0784

■ 37.0028, 33.2286,
45.3734

■ 29.8148, 20.0862,
39.1745

■ 40.2624, 39.3199,
47.7790

■ 28.2070, 17.2651,
37.4219

■ 43.9874, 46.3337,
50.3659

■ 26.9497, 15.1371,
35.8114

■ 48.1962, 54.3065,
53.1401

■ 26.0121, 13.6402,
34.3326

■ 52.9061, 63.2728,
56.1076

■ 25.3574, 12.7010,
32.9731

■ 58.1334, 73.2656,
59.2740

■ 24.9114, 12.1712,
31.7079

■ 63.8939, 84.3161,
62.6447

■ 24.9044, 12.1631,
31.6871

■ 64.6052, 85.2595,
64.3591

■ 64.9101, 85.3814,
65.9648

Harmonies

Analogous

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



30.8919, 28.0196, 54.6604



34.1883, 28.0196, 43.1416



35.4157, 28.0196, 30.2799

Triad

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



34.1883, 28.0196, 43.1416



26.5518, 28.0196, 12.9124



20.3467, 28.0196, 43.6438

Complementary

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



34.1883, 28.0196, 43.1416



29.6506, 39.3100, 28.9482

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.



19.4355, 28.0196, 30.7384



34.1883, 28.0196, 43.1416



22.7826, 28.0196, 14.7833

Square

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



34.1883, 28.0196, 43.1416



30.7391, 28.0196, 14.6423



20.2798, 28.0196, 20.6192



22.9077, 28.0196, 54.9993

Rectangle

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



34.1883, 28.0196, 43.1416



34.8053, 28.0196, 23.1741



20.2798, 28.0196, 20.6192



19.8499, 28.0196, 39.2472

Sweetspot

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



34.1892, 28.0208, 43.1422



72.5362, 71.2237, 85.8755



25.7945, 23.6011, 46.9127



15.4838, 15.0302, 18.4221



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.1892, 28.0208, 43.1422



58.2548, 44.7314, 74.7318



31.8973, 27.1041, 31.0732



8.7948, 8.6247, 10.4180



17.1884, 8.3929, 21.9498



0.5555, 0.2699, 0.7679

Inverse Universe

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



34.1892, 28.0208, 43.1422



58.2548, 44.7314, 74.7318



31.7280, 40.1410, 39.8876



8.7948, 8.6247, 10.4180



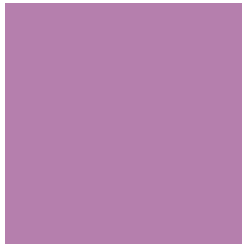
17.1884, 8.3929, 21.9498



0.5555, 0.2699, 0.7679

Previews

White Background



This preview shows how the XYZ color 34.1883, 28.0196, 43.1416 looks on a white background.

Color Contrast Check

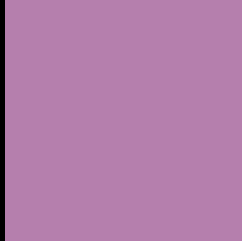
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1883, 28.0196, 43.1416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

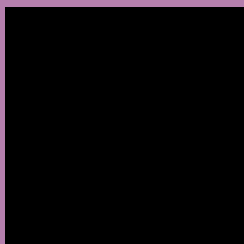
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1883, 28.0196, 43.1416

Background



This preview shows how black text looks on a background with the XYZ color 34.1883, 28.0196, 43.1416.



This preview shows how white text looks on a background with the XYZ color 34.1883, 28.0196,

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

34.1883, 28.0196, 43.1416

Protanopia

28.3057, 28.1739, 49.2936

Deuteranopia

28.6346, 28.0630, 41.9377



Tritanopia

31.4769, 28.1053, 29.7525

Trichromacy



Original Color

34.1883, 28.0196, 43.1416

Protanomaly

29.9464, 27.7659, 46.9610

Deuteranomaly

30.4529, 27.9195, 42.3120

Tritanomaly

32.3091, 28.0307, 34.2794

Monochromacy



Original Color

34.1883, 28.0196, 43.1416

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.9611, 28.6641, 35.8519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1883, 28.0196, 43.1416 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(181, 127, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 127, 173)  
}
```

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(181, 127, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 127, 173) }
```

Border

The CSS property to change the border of an element to XYZ 34.1883, 28.0196, 43.1416 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(181, 127, 173) }
```


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

```
.border{ border-color:rgb(181, 127, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 127, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 127, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 127, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 127,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1883, 28.0196, 43.1416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 127, 173) }
```

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

```
.background{ background-color: rgb(181,  
127, 173) }
```

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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