

Converting Colors

XYZ(34.3637, 28.5061, 38.9979)

Have a look what the booklet for
XYZ(34.3637, 28.5061, 38.9979)
contains.

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Color

**XYZ(34.3183, 28.5712,
38.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	B881A4
RGB	184, 129, 164
RGB Percent	72%, 51%, 64%
CMY	0.2784, 0.4941, 0.3569
CMYK	0.00, 0.30, 0.11, 0.28
HSL	322°, 28%, 61%
HSV	322°, 30%, 72%
XYZ	34.3183, 28.5712, 38.8280
YIQ	149.4350, 21.5450, 22.5450

Conversions

Conversions Part 2

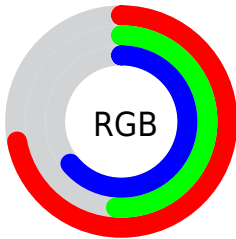
Format	Color
RYB	184, 129, 164
Decimal	12091812
CIELab	60.40, 26.72, -10.10
CIElCh	60, 28.569, 339.296
Yxy	28.5712, 0.3374, 0.2809
Android (android.graphics.Color)	4290281892 (0xFFB881A4)
YUV	149.4350, 7.1805, 30.3135
Hunter-Lab	53.4520, 21.0629, -5.6523

Details

The XYZ color **34.3183, 28.5712, 38.8280** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.6198, 41.1189, 34.7058**, and the grayscale version is **28.7153, 30.2108, 32.8995**.

A 20% lighter version of the original color is **65.7898, 57.2711, 74.6048**, and **14.9265, 11.5076, 16.7637** is the 20% darker color. If you saturate the color by 10%, you get **31.5210, 23.9181, 34.9923**, and if you desaturate by 10%, it is **37.5855, 34.1125, 42.9779**.

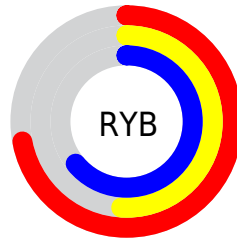
Distribution



Red (72%)

Green (51%)

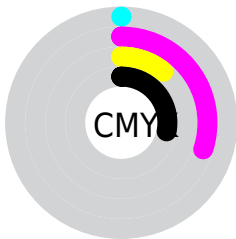
Blue (64%)



Red (72%)

Yellow (51%)

Blue (64%)

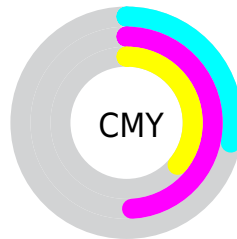


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (28%)



Cyan (28%)

Magenta (49%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3183, 28.5712, 38.8280 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 34.3183, 28.5712, 38.8280 by changing the saturation by 10% instead.


 34.3183, 28.5712,
38.8280


 34.3183, 28.5712,
38.8280


313.1100,
295.1863, 356.5628


 23.3023, 18.7567,
26.3191


 65.7694, 57.3951,
74.5929

 14.9388, 11.4946,
16.8346


 86.9351, 77.1733,
98.6861

 8.8625, 6.4005,
9.9560


 112.2148,
101.0415, 127.4778

 4.7080, 3.0901,
5.2645

141.9738,
129.3841, 161.3865

 2.1099, 1.1790,
2.3419

176.5775,
162.5854, 200.8308

 0.6946, 0.0444,
0.7545

216.3912,

 0.0000, 0.0000,

201.0300, 246.2293

0.0000

261.7802,
245.1022, 298.0004

■ 34.3183, 28.5712,
38.8280

■ 34.3183, 28.5712,
38.8280

■ 31.5210, 23.9181,
34.9923

■ 37.5855, 34.1125,
42.9779

■ 29.1672, 20.1022,
31.4586

■ 41.3422, 40.5815,
47.4498

■ 27.2316, 17.0733,
28.2164

■ 45.6100, 48.0204,
52.2536

■ 25.6851, 14.7743,
25.2535

■ 50.4084, 56.4672,
57.3980

■ 24.4950, 13.1402,
22.5563

■ 55.7557, 65.9582,
62.8914

■ 23.6224, 12.0944,
20.1093

■ 61.6696, 76.5276,
68.7416

■ 22.9900, 11.4830,
17.8841

■ 67.2653, 86.4056,
74.6560

■ 22.9834, 11.4769,
17.8604

■ 68.1211, 86.7480,
79.1627

■ 69.0123, 87.1044,
83.8555

Harmonies

Analogous

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



31.8826, 28.5712, 49.5498



34.3183, 28.5712, 38.8280



34.7451, 28.5712, 27.9527

Triad

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



34.3183, 28.5712, 38.8280



26.0303, 28.5712, 15.1042



22.0455, 28.5712, 45.7699

Complementary

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



34.3183, 28.5712, 38.8280



31.6198, 41.1189, 34.7058

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.



20.7613, 28.5712, 34.4947



34.3183, 28.5712, 38.8280



22.9214, 28.5712, 17.9269

Square

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



34.3183, 28.5712, 38.8280



29.7322, 28.5712, 15.7567



21.0668, 28.5712, 24.4878



24.7332, 28.5712, 54.1442

Rectangle

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



34.3183, 28.5712, 38.8280



33.7979, 28.5712, 22.2187



21.0668, 28.5712, 24.4878



21.4469, 28.5712, 42.1019

Sweetspot

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



34.3191, 28.5725, 38.8286



75.4826, 74.4994, 86.6373



28.7613, 25.4819, 48.7506



16.0456, 15.6674, 18.4149



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.



34.3191, 28.5725, 38.8286



58.7160, 45.9588, 65.6567



32.1518, 27.7056, 27.4156



9.2386, 9.1058, 10.6038



15.8747, 7.9236, 12.4927



0.5882, 0.2908, 0.5909

Inverse Universe

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



34.3191, 28.5725, 38.8286



58.7160, 45.9588, 65.6567



34.0065, 42.0736, 47.2742



9.2386, 9.1058, 10.6038



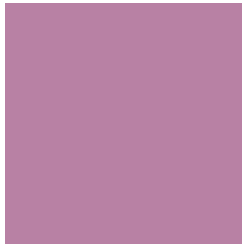
15.8747, 7.9236, 12.4927



0.5882, 0.2908, 0.5909

Previews

White Background



This preview shows how the XYZ color 34.3183, 28.5712, 38.8280 looks on a white background.

Color Contrast Check

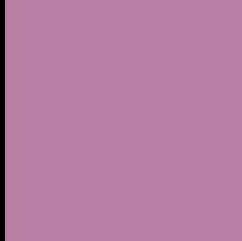
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3183, 28.5712, 38.8280 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 34.3183, 28.5712, 38.8280

Background



This preview shows how black text looks on a background with the XYZ color 34.3183, 28.5712, 38.8280.



This preview shows how white text looks on a background with the XYZ color 34.3183, 28.5712,

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

34.3183, 28.5712, 38.8280

Protanopia

28.5806, 28.8822, 44.1129

Deuteranopia

29.3315, 28.7269, 38.1813



Tritanopia

32.4015, 28.5820, 29.7957

Trichromacy



Original Color

34.3183, 28.5712, 38.8280

Protanomaly

30.1986, 28.4354, 41.9272

Deuteranomaly

30.8664, 28.4282, 38.5107

Tritanomaly

33.1286, 28.6820, 33.0683

Monochromacy



Original Color

34.3183, 28.5712, 38.8280

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.4060, 29.3605, 34.6364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3183, 28.5712, 38.8280 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(184, 129, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 129, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.3183, 28.5712, 38.8280 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, 164) }
```


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

```
.border{ border-color:rgb(184, 129, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 129, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 129, 164);  
box-shadow:4px 4px 4px 4px rgb(184, 129,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3183, 28.5712, 38.8280 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, 164) }
```

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

```
.background{ background-color: rgb(184,  
129, 164) }
```

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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