

Converting Colors

XYZ(34.1629, 27.2196, 39.6357)

Have a look what the booklet for
XYZ(34.1629, 27.2196, 39.6357)
contains.

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Color

**XYZ(34.0922, 27.1113,
39.5126)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7AA6
RGB	186, 122, 166
RGB Percent	73%, 48%, 65%
CMY	0.2706, 0.5216, 0.3490
CMYK	0.00, 0.34, 0.11, 0.27
HSL	319°, 32%, 60%
HSV	319°, 34%, 73%
XYZ	34.0922, 27.1113, 39.5126
YIQ	146.1520, 24.0200, 27.2520

Conversions

Conversions Part 2

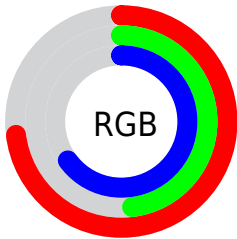
Format	Color
RYB	186, 122, 166
Decimal	12221094
CIELab	59.08, 31.65, -13.21
CIElCh	59, 34.295, 337.341
Yxy	27.1113, 0.3385, 0.2692
Android (android.graphics.Color)	4290411174 (0xFFBA7AA6)
YUV	146.1520, 9.7851, 34.9467
Hunter-Lab	52.0685, 25.7541, -8.5447

Details

The XYZ color **34.0922, 27.1113, 39.5126** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.4686, 41.2093, 31.9412**, and the grayscale version is **27.3388, 28.7626, 31.3224**.

A 20% lighter version of the original color is **65.3433, 54.9351, 75.5662**, and **14.8703, 10.7552, 17.2118** is the 20% darker color. If you saturate the color by 10%, you get **31.5021, 22.7650, 36.0777**, and if you desaturate by 10%, it is **37.1451, 32.3439, 43.2212**.

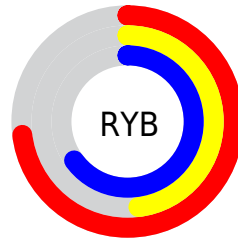
Distribution



Red (73%)

Green (48%)

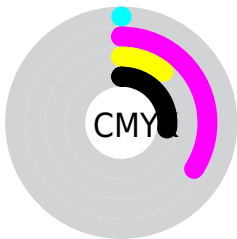
Blue (65%)



Red (73%)

Yellow (48%)

Blue (65%)

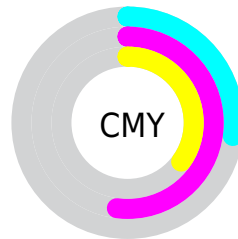


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (52%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0922, 27.1113, 39.5126 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 34.0922, 27.1113, 39.5126 by changing the saturation by 10% instead.


 34.0922, 27.1113,
39.5126


 34.0922, 27.1113,
39.5126


312.1217,
288.1956, 359.5558


 23.1277, 17.6568,
26.8478


 65.4204, 55.0624,
75.6497

 14.8090, 10.7039,
17.2276


 86.5147, 74.3279,
99.9591

 8.7709, 5.8681,
10.2332


 111.7163, 97.6324,
128.9872

 4.6480, 2.7650,
5.4462

141.3906,
125.3605, 163.1524

 2.0748, 1.0103,
2.4481

175.9030,
157.8964, 202.8733

 0.6755, 0.0000,
0.8125

215.6187,

 0.0000, 0.0000,

195.6247, 248.5685

0.0000

260.9031,
238.9296, 300.6565

■ 34.0922, 27.1113,
39.5126

■ 34.0922, 27.1113,
39.5126

■ 31.5021, 22.7650,
36.0777

■ 37.1451, 32.3439,
43.2212

■ 29.3471, 19.2510,
32.9050

■ 40.6817, 38.5052,
47.2113

■ 27.6000, 16.5155,
29.9840

■ 44.7246, 45.6395,
51.4920

■ 26.2297, 14.4965,
27.3028

■ 49.2940, 53.7870,
56.0717

■ 25.2002, 13.1225,
24.8477

■ 54.4093, 62.9856,
60.9582

■ 24.4680, 12.3072,
22.6026

■ 60.0887, 73.2714,
66.1590

■ 24.1378, 11.9944,
21.4210

■ 66.3495, 84.6787,
71.6812

■ 67.9573, 86.7382,
75.7815

■ 68.7063, 87.0378,
79.7259

Harmonies

Analogous

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



31.0640, 27.1113, 52.3788



34.0922, 27.1113, 39.5126



34.7779, 27.1113, 26.6220

Triad

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



34.0922, 27.1113, 39.5126



24.7358, 27.1113, 11.8282



19.7884, 27.1113, 46.1608

Complementary

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



34.0922, 27.1113, 39.5126



30.4686, 41.2093, 31.9412

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.



18.4672, 27.1113, 32.6202



34.0922, 27.1113, 39.5126



21.1118, 27.1113, 14.5190

Square

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



34.0922, 27.1113, 39.5126



29.0553, 27.1113, 12.7299



18.9235, 27.1113, 21.3718



22.7394, 27.1113, 56.8968

Rectangle

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



34.0922, 27.1113, 39.5126



33.7525, 27.1113, 20.0015



18.9235, 27.1113, 21.3718



19.1547, 27.1113, 41.6603

Sweetspot

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



34.0930, 27.1125, 39.5132



76.7308, 75.0569, 88.7978



26.8422, 23.1459, 49.5078



16.6738, 16.1348, 19.3158



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.



34.0930, 27.1125, 39.5132



58.2996, 43.2584, 67.0431



31.5694, 26.1031, 26.2237



9.2582, 9.1137, 10.7072



16.2739, 8.0833, 14.5953



0.6002, 0.2956, 0.6543

Inverse Universe

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



34.0930, 27.1125, 39.5132



58.2996, 43.2584, 67.0431



33.1481, 42.2811, 46.0515



9.2582, 9.1137, 10.7072



16.2739, 8.0833, 14.5953



0.6002, 0.2956, 0.6543

Previews

White Background



This preview shows how the XYZ color 34.0922, 27.1113, 39.5126 looks on a white background.

Color Contrast Check

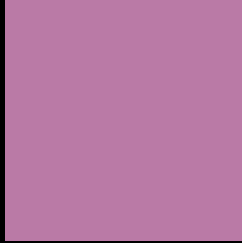
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0922, 27.1113, 39.5126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

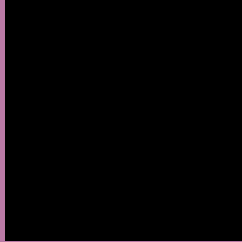
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0922, 27.1113, 39.5126

Background



This preview shows how black text looks on a background with the XYZ color 34.0922, 27.1113, 39.5126.



This preview shows how white text looks on a background with the XYZ color 34.0922, 27.1113,

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

34.0922, 27.1113, 39.5126

Protanopia

27.3344, 27.2910, 46.4748

Deuteranopia

27.8761, 27.3126, 38.4530



Tritanopia

31.6332, 27.0522, 27.2213

Trichromacy



Original Color

34.0922, 27.1113, 39.5126

Protanomaly

29.1140, 26.7816, 43.6793

Deuteranomaly

29.7863, 27.0325, 38.7698

Tritanomaly

32.4461, 26.9957, 31.5176

Monochromacy



Original Color

34.0922, 27.1113, 39.5126

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.3934, 27.7683, 33.9476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0922, 27.1113, 39.5126 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(186, 122, 166)` looks like.

```
.text, #text, p{  
    color:rgb(186, 122, 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(186, 122, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 122, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.0922, 27.1113, 39.5126 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(186, 122, 166) }
```


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

```
.border{ border-color:rgb(186, 122, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 122, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 122, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 122, 166);  
box-shadow:4px 4px 4px 4px rgb(186, 122,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0922, 27.1113, 39.5126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 122, 166) }
```

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

```
.background{ background-color: rgb(186,  
122, 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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