

Converting Colors

XYZ(34.8818, 27.7142, 39.0200)

Have a look what the booklet for
XYZ(34.8818, 27.7142, 39.0200)
contains.

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Color

**XYZ(34.8608, 27.7013,
39.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7BA5
RGB	189, 123, 165
RGB Percent	74%, 48%, 65%
CMY	0.2588, 0.5176, 0.3529
CMYK	0.00, 0.35, 0.13, 0.26
HSL	322°, 33%, 61%
HSV	322°, 35%, 74%
XYZ	34.8608, 27.7013, 39.1068
YIQ	147.5220, 25.8540, 27.0540

Conversions

Conversions Part 2

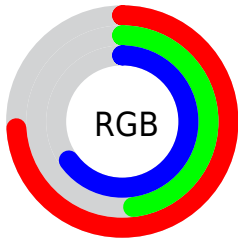
Format	Color
RYB	189, 123, 165
Decimal	12417957
CIELab	59.62, 31.97, -11.79
CIELCh	60, 34.072, 339.756
Yxy	27.7013, 0.3429, 0.2725
Android (android.graphics.Color)	4290608037 (0xFFBD7BA5)
YUV	147.5220, 8.6167, 36.3762
Hunter-Lab	52.6320, 26.1234, -7.2114

Details

The XYZ color **34.8608, 27.7013, 39.1068** is a light color, and the websafe version is hex **996699**. A complement of this color would be **31.6337, 42.7137, 34.1830**, and the grayscale version is **27.9079, 29.3613, 31.9745**.

A 20% lighter version of the original color is **66.4496, 55.8108, 74.9804**, and **15.1947, 11.0257, 16.9501** is the 20% darker color. If you saturate the color by 10%, you get **32.1299, 23.2136, 35.1926**, and if you desaturate by 10%, it is **38.0796, 33.1102, 43.3502**.

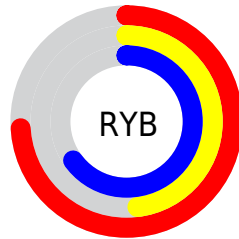
Distribution



Red (74%)

Green (48%)

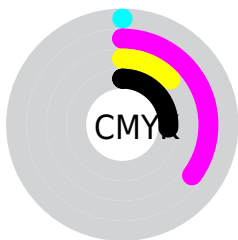
Blue (65%)



Red (74%)

Yellow (48%)

Blue (65%)

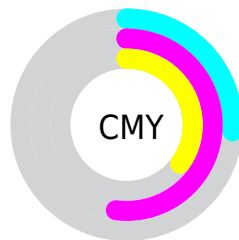


Cyan (0%)

Magenta (35%)

Yellow (13%)

Black (26%)



Cyan (26%)


Magenta (52%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8608, 27.7013, 39.1068 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 34.8608, 27.7013, 39.1068 by changing the saturation by 10% instead.


 34.8608, 27.7013,
39.1068

 34.8608, 27.7013,
39.1068


315.4723,
291.0369, 357.7839


 23.7217, 18.1006,
26.5344


 66.6055, 56.0072,
75.0236

 15.2509, 11.0222,
16.9945


 87.9418, 75.4812,
99.2050

 9.0831, 6.0818,
10.0686


 113.4079, 99.0151,
128.0931

 4.8530, 2.8949,
5.3383

143.3691,
126.9933, 162.1066

 2.1951, 1.0771,
2.3849

178.1908,
159.8002, 201.6638

 0.7402, 0.0000,
0.7782

218.2383,

 0.0000, 0.0000,

197.8201, 247.1834

0.0000

263.8770,
241.4376, 299.0839

■ 34.8608, 27.7013,
39.1068

■ 34.8608, 27.7013,
39.1068

■ 32.1299, 23.2136,
35.1926

■ 38.0796, 33.1102,
43.3502

■ 29.8577, 19.5908,
31.5943

■ 41.8084, 39.4849,
47.9317

■ 28.0158, 16.7763,
28.3001


■ 46.0708, 46.8714,
52.8619


■ 26.5712, 14.7052,
25.2963


■ 50.8884, 55.3118,
58.1505

■ 25.4859, 13.3024,
22.5675


■ 56.2812, 64.8459,
63.8066


 24.7138, 12.4766,
20.0954

 62.2685, 75.5112,
69.8387

 24.3931, 12.1816,
18.9206

 68.7712, 87.1488,
76.2229

 69.6630, 87.5056,
80.9194

 70.5923, 87.8773,
85.8129

Harmonies

Analogous

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



31.9706, 27.7013, 52.2387



34.8608, 27.7013, 39.1068



35.3340, 27.7013, 26.3298

Triad

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



34.8608, 27.7013, 39.1068



24.9548, 27.7013, 12.3438



20.4779, 27.7013, 47.9531

Complementary

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



34.8608, 27.7013, 39.1068



31.6337, 42.7137, 34.1830

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.



19.0012, 27.7013, 34.3491



34.8608, 27.7013, 39.1068



21.3939, 27.7013, 15.3903

Square

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



34.8608, 27.7013, 39.1068



29.2910, 27.7013, 12.9708



19.3173, 27.7013, 22.6971



23.5742, 27.7013, 58.2332

Rectangle

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



34.8608, 27.7013, 39.1068



34.1678, 27.7013, 19.8822



19.3173, 27.7013, 22.6971



19.7918, 27.7013, 43.4863

Sweetspot

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



34.8616, 27.7026, 39.1074



78.3892, 76.7812, 89.9676



28.1413, 23.9616, 51.2866



16.6294, 16.1170, 19.0821



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.



34.8616, 27.7026, 39.1074



58.5697, 43.2428, 64.5543



32.2970, 26.6767, 25.6023



9.7787, 9.6358, 11.2237



16.4499, 8.2111, 12.9287



0.6747, 0.3338, 0.6663

Inverse Universe

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



34.8616, 27.7026, 39.1074



58.5697, 43.2428, 64.5543



34.5138, 43.8657, 49.3496



9.7787, 9.6358, 11.2237



16.4499, 8.2111, 12.9287



0.6747, 0.3338, 0.6663

Previews

White Background



This preview shows how the XYZ color 34.8608, 27.7013, 39.1068 looks on a white background.

Color Contrast Check

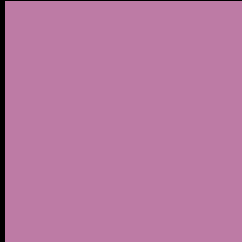
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8608, 27.7013, 39.1068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

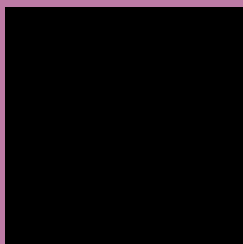
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.8608, 27.7013, 39.1068

Background



This preview shows how black text looks on a background with the XYZ color 34.8608, 27.7013, 39.1068.



This preview shows how white text looks on a background with the XYZ color 34.8608, 27.7013,

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

34.8608, 27.7013, 39.1068

Protanopia

28.0117, 28.0935, 46.0657

Deuteranopia

28.4773, 27.8488, 38.0569



Tritanopia

32.5563, 27.7124, 27.6779

Trichromacy



Original Color

34.8608, 27.7013, 39.1068

Protanomaly

29.8646, 27.5940, 43.2873

Deuteranomaly

30.4458, 27.5871, 38.3705

Tritanomaly

33.2997, 27.6246, 31.5940

Monochromacy



Original Color

34.8608, 27.7013, 39.1068

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.1696, 28.5849, 34.4992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8608, 27.7013, 39.1068 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(189, 123, 165)` looks like.

```
.text, #text, p{  
    color:rgb(189, 123, 165)  
}
```

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(189, 123, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 123, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.8608, 27.7013, 39.1068 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(189, 123, 165) }
```


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

```
.border{ border-color:rgb(189, 123, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 123, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 123, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 123, 165);  
box-shadow:4px 4px 4px 4px rgb(189, 123,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8608, 27.7013, 39.1068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 123, 165) }
```

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

```
.background{ background-color: rgb(189,  
123, 165) }
```

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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