

Converting Colors

XYZ(33.2906, 27.0770, 39.0691)

Have a look what the booklet for
XYZ(33.2906, 27.0770, 39.0691)
contains.

| | |
|--|----|
| XYZ(33.2906, 27.0770, 39.0691) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(33.2906, 27.0770,
39.0691)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B67CA5 |
| RGB | 182, 124, 165 |
| RGB Percent | 71%, 49%, 65% |
| CMY | 0.2863, 0.5137, 0.3529 |
| CMYK | 0.00, 0.32, 0.09, 0.29 |
| HSL | 318°, 28%, 60% |
| HSV | 318°, 32%, 71% |
| XYZ | 33.2906, 27.0770, 39.0691 |
| YIQ | 146.0160, 21.4070, 25.0470 |

Conversions

Conversions Part 2

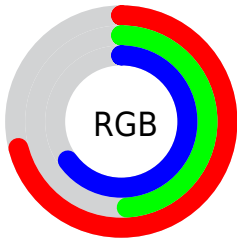
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 182, 124, 165 |
| Decimal | 11959461 |
| CIE _{Lab} | 59.05, 28.98, -12.73 |
| CIE _{LCh} | 59, 31.651, 336.283 |
| Yxy | 27.0770, 0.3348, 0.2723 |
| Android (android.graphics.Color) | 4290149541 (0xFFB67CA5) |
| YUV | 146.0160, 9.3591, 31.5580 |
| Hunter-Lab | 52.0356, 23.1360, -8.0909 |

Details

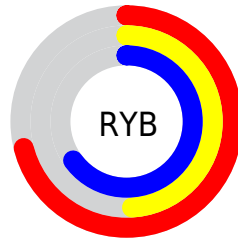
The XYZ color **33.2906, 27.0770, 39.0691** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.8490, 39.6649, 31.2839**, and the grayscale version is **27.2856, 28.7066, 31.2614**.

A 20% lighter version of the original color is **64.2370, 54.9623, 74.9333**, and **14.3315, 10.6790, 16.9287** is the 20% darker color. If you saturate the color by 10%, you get **30.7415, 22.7393, 35.8736**, and if you desaturate by 10%, it is **36.2826, 32.2671, 42.5128**.

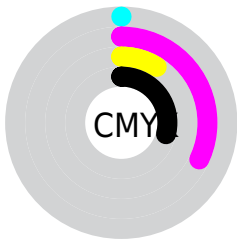
Distribution



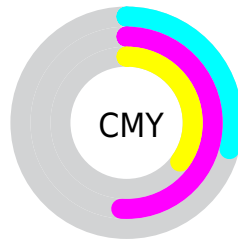
- Red (71%)
- Green (49%)
- Blue (65%)



- Red (71%)
- Yellow (49%)
- Blue (65%)



- Cyan (0%)
- Magenta (32%)
- Yellow (9%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.2906, 27.0770, 39.0691 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 33.2906, 27.0770, 39.0691 by changing the saturation by 10% instead.


 33.2906, 27.0770,
39.0691


 33.2906, 27.0770,
39.0691

308.5990,
288.0297, 357.6189

 22.5095, 17.6311,
26.5052


 64.1806, 55.0074,
74.9654

 14.3504, 10.6854,
16.9728


 85.0202, 74.2607,
99.1349

 8.4481, 5.8557,
10.0534


 109.9433, 97.5518,
128.0100

 4.4372, 2.7576,
5.3283

139.3153,
125.2652, 162.0093

 1.9523, 1.0065,
2.3791

173.5015,
157.7854, 201.5513

 0.6070, 0.0000,
0.7750

212.8673,

 0.0000, 0.0000,

195.4965, 247.0545

0.0000

257.7780,
238.7832, 298.9376

■ 33.2906, 27.0770,
39.0691

■ 33.2906, 27.0770,
39.0691

■ 30.7415, 22.7393,
35.8736

■ 36.2826, 32.2671,
42.5128

■ 28.6093, 19.2040,
32.9155

■ 39.7366, 38.3489,
46.2113

■ 26.8692, 16.4211,
30.1856


■ 43.6736, 45.3635,
50.1731


■ 25.4926, 14.3340,
27.6732


■ 48.1127, 53.3487,
54.4058


■ 24.4467, 12.8776,
25.3660


■ 53.0717, 62.3399,
58.9163


 23.6927, 11.9745,
23.2499

 58.5677, 72.3708,
63.7114

 23.2310, 11.5209,
21.6473

 64.6170, 83.4735,
68.7977

 66.3974, 86.0035,
72.5689

 67.0637, 86.2700,
76.0776

Harmonies

Analogous

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



30.4704, 27.0770, 50.5884



33.2906, 27.0770, 39.0691



33.9992, 27.0770, 27.1773

Triad

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



33.2906, 27.0770, 39.0691



24.9180, 27.0770, 12.7816



20.1137, 27.0770, 44.2286

Complementary

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



33.2906, 27.0770, 39.0691



29.8490, 39.6649, 31.2839

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.



18.9333, 27.0770, 31.9139



33.2906, 27.0770, 39.0691



21.5191, 27.0770, 15.2545

Square

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



33.2906, 27.0770, 39.0691



28.8957, 27.0770, 13.7788



19.4204, 27.0770, 21.6079



22.8152, 27.0770, 54.0584

Rectangle

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



33.2906, 27.0770, 39.0691



33.1212, 27.0770, 20.9021



19.4204, 27.0770, 21.6079



19.5391, 27.0770, 40.1379

Sweetspot

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



33.2914, 27.0782, 39.0697



73.1898, 71.5623, 84.9646



26.5407, 23.4073, 47.3757



15.9555, 15.4336, 18.5497



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.



33.2914, 27.0782, 39.0697



57.1386, 43.5979, 66.8575



30.9844, 26.1554, 26.9210



9.2657, 9.1166, 10.7466



16.4354, 8.1479, 15.4454



0.6050, 0.2975, 0.6793

Inverse Universe

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



33.2914, 27.0782, 39.0697



57.1386, 43.5979, 66.8575



32.2433, 40.6226, 43.8921



9.2657, 9.1166, 10.7466



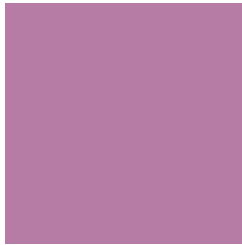
16.4354, 8.1479, 15.4454



0.6050, 0.2975, 0.6793

Previews

White Background



This preview shows how the XYZ color 33.2906, 27.0770, 39.0691 looks on a white background.

Color Contrast Check

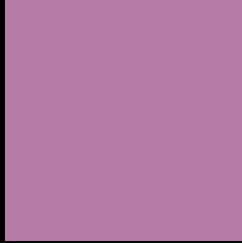
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2906, 27.0770, 39.0691 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 33.2906, 27.0770, 39.0691

Background



This preview shows how black text looks on a background with the XYZ color 33.2906, 27.0770, 39.0691.



This preview shows how white text looks on a background with the XYZ color 33.2906, 27.0770,

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

33.2906, 27.0770, 39.0691

Protanopia

27.2922, 27.2924, 45.4245

Deuteranopia

27.7868, 27.2769, 37.9829



Tritanopia

31.1009, 27.1483, 28.0270

Trichromacy



Original Color

33.2906, 27.0770, 39.0691

Protanomaly

28.9693, 26.9244, 43.2052

Deuteranomaly

29.6332, 27.1681, 38.3325

Tritanomaly

31.7571, 27.0202, 31.5586

Monochromacy



Original Color

33.2906, 27.0770, 39.0691

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.1363, 27.8478, 33.9765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2906, 27.0770, 39.0691 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(182, 124, 165)` looks like.

```
.text, #text, p{  
    color:rgb(182, 124, 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(182, 124, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 124, 165) }
```

Border

The CSS property to change the border of an element to XYZ 33.2906, 27.0770, 39.0691 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(182, 124, 165) }
```


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

```
.border{ border-color:rgb(182, 124, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 124, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 124, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 124, 165);  
box-shadow:4px 4px 4px 4px rgb(182, 124,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2906, 27.0770, 39.0691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 124, 165) }
```

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

```
.background{ background-color: rgb(182,  
124, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor