

Converting Colors

XYZ(27.0963, 16.6872, 31.9298)

Have a look what the booklet for
XYZ(27.0963, 16.6872, 31.9298)
contains.

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Color

**XYZ(27.0591, 16.6301,
31.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	B54799
RGB	181, 71, 153
RGB Percent	71%, 28%, 60%
CMY	0.2902, 0.7215, 0.4000
CMYK	0.00, 0.61, 0.15, 0.29
HSL	315°, 44%, 49%
HSV	315°, 61%, 71%
XYZ	27.0591, 16.6301, 31.9208
YIQ	113.2380, 39.2380, 48.8220

Conversions

Conversions Part 2

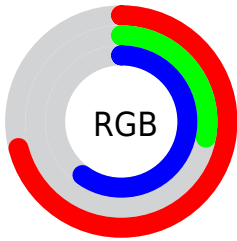
Format	Color
RYB	181, 71, 153
Decimal	11880345
CIELab	47.79, 53.96, -22.88
CIElCh	48, 58.614, 337.025
Yxy	16.6301, 0.3579, 0.2199
Android (android.graphics.Color)	4290070425 (0xFFB54799)
YUV	113.2380, 19.6027, 59.4273
Hunter-Lab	40.7800, 47.0765, -17.8636

Details

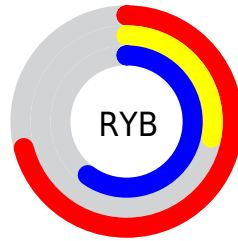
The XYZ color **27.0591, 16.6301, 31.9208** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **21.3753, 35.2889, 17.4906**, and the grayscale version is **15.7027, 16.5205, 17.9908**.

A 20% lighter version of the original color is **54.3154, 37.5720, 64.0639**, and **10.8883, 5.3844, 13.0358** is the 20% darker color. If you saturate the color by 10%, you get **25.7015, 14.5120, 29.6268**, and if you desaturate by 10%, it is **28.7753, 19.4413, 34.4071**.

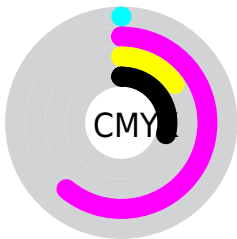
Distribution



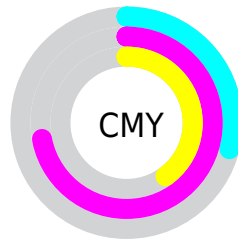
- Red (71%)
- Green (28%)
- Blue (60%)



- Red (71%)
- Yellow (28%)
- Blue (60%)



- Cyan (0%)
- Magenta (61%)
- Yellow (15%)
- Black (29%)





- Cyan (29%)
- Magenta (72%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0591, 16.6301, 31.9208 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 27.0591, 16.6301, 31.9208 by changing the saturation by 10% instead.

 27.0591, 16.6301,
31.9208

 27.0591, 16.6301,
31.9208


280.1055,
233.0316, 325.2399


 17.7544, 9.9711,
21.0367


 54.3979, 37.6887,
63.7834


 10.8724, 5.3798,
12.9593


 73.1628, 52.8571,
85.5989


 6.0478, 2.4718,
7.2701


 95.8117, 71.6307,
111.8954

 2.9151, 0.8625,
3.5506

 122.7101, 94.3940,
143.0912

 1.1090, 0.0000,
1.3822

 154.2234,
121.5314, 179.6051

 0.0326, 0.0000,
0.1278

190.7168,

 0.0000, 0.0000,

153.4272, 221.8555

0.0000

232.5557,
190.4658, 270.2609

■ 27.0591, 16.6301,
31.9208

■ 27.0591, 16.6301,
31.9208

■ 25.7015, 14.5120,
29.6268

■ 28.7753, 19.4413,
34.4071

■ 24.6692, 13.0215,
27.5129

■ 30.8762, 22.9984,
37.0948

■ 23.9254, 12.0850,
25.5660

■ 33.3873, 27.3520,
39.9933

■ 23.4242, 11.5710,
23.8931

■ 36.3315, 32.5475,
43.1111

■ 39.7299, 38.6267,
46.4558

■ 43.6022, 45.6290,
50.0349

■ 47.9669, 53.5911,
53.8552

■ 52.8414, 62.5477,
57.9233

■ 58.2426, 72.5320,
62.2455

Harmonies

Analogous

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



22.7082, 16.6301, 52.4488



27.0591, 16.6301, 31.9208



28.1113, 16.6301, 14.7924

Triad

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



27.0591, 16.6301, 31.9208



14.6020, 16.6301, 1.8928



9.0317, 16.6301, 41.7329

Complementary

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



27.0591, 16.6301, 31.9208



21.3753, 35.2889, 17.4906

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.



7.7467, 16.6301, 21.8839



27.0591, 16.6301, 31.9208



10.4673, 16.6301, 3.4338

Square

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



27.0591, 16.6301, 31.9208



20.0894, 16.6301, 2.3927



8.2068, 16.6301, 8.9950



12.1800, 16.6301, 59.9775

Rectangle

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



27.0591, 16.6301, 31.9208



26.6293, 16.6301, 7.8813



8.2068, 16.6301, 8.9950



8.4034, 16.6301, 34.7042

Sweetspot

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



27.0596, 16.6309, 31.9211



66.4947, 60.8307, 78.6516



15.6857, 10.4681, 44.9104



14.0144, 12.5114, 16.6377



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.



27.0596, 16.6309, 31.9211



45.3300, 24.9490, 51.7195



23.5383, 15.2224, 13.3780



8.7558, 8.6090, 10.2124



16.1771, 7.9884, 16.6246



0.5310, 0.2601, 0.6387

Inverse Universe

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



27.0596, 16.6309, 31.9211



45.3300, 24.9490, 51.7195



24.9143, 36.7044, 36.1264



8.7558, 8.6090, 10.2124



16.1771, 7.9884, 16.6246



0.5310, 0.2601, 0.6387

Previews

White Background



This preview shows how the XYZ color 27.0591, 16.6301, 31.9208 looks on a white background.

Color Contrast Check

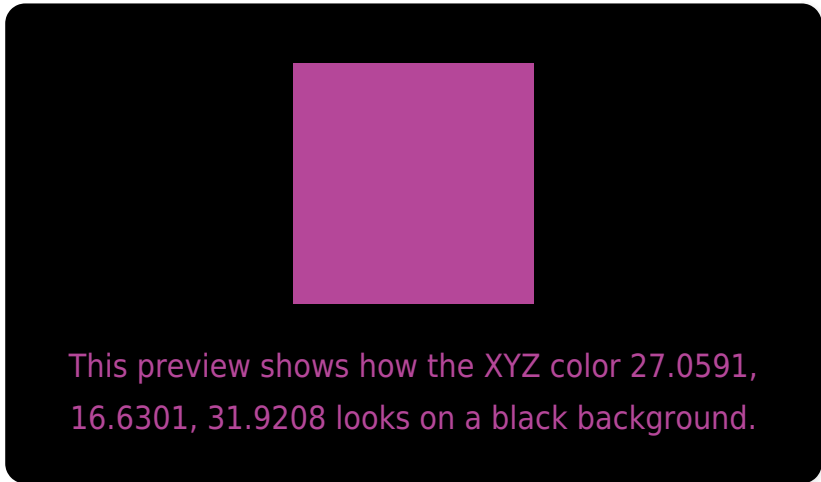
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

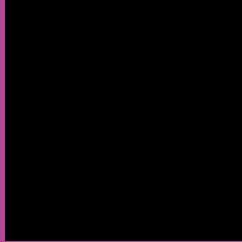
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.0591, 16.6301, 31.9208

Background



This preview shows how black text looks on a background with the XYZ color 27.0591, 16.6301, 31.9208.



This preview shows how white text looks on a background with the XYZ color 27.0591, 16.6301,

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

27.0591, 16.6301, 31.9208

Protanopia

18.4034, 17.0648, 48.7782

Deuteranopia

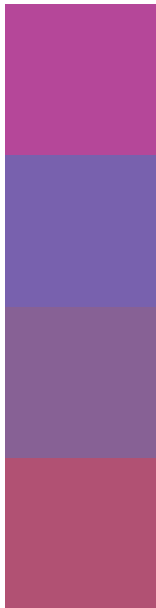
17.2450, 16.8831, 29.9536



Tritanopia

22.9828, 16.5599, 12.3410

Trichromacy



Original Color

27.0591, 16.6301, 31.9208

Protanomaly

19.6604, 15.5985, 42.0190

Deuteranomaly

19.6912, 15.8702, 30.4592

Tritanomaly

24.1684, 16.4698, 18.1248

Monochromacy



Original Color

27.0591, 16.6301, 31.9208

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

18.7452, 15.6972, 22.4639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0591, 16.6301, 31.9208 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, 71, 153)` looks like.

```
.text, #text, p{  
    color:rgb(181, 71, 153)  
}
```

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, 71, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 71, 153) }
```

Border

The CSS property to change the border of an element to XYZ 27.0591, 16.6301, 31.9208 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, 71, 153) }
```


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

```
.border{ border-color:rgb(181, 71, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 71, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 71, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 71, 153); box-shadow:4px 4px 4px 4px rgb(181, 71, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0591, 16.6301, 31.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 71, 153) }
```

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

```
.background{ background-color: rgb(181, 71,  
153) }
```

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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