

Converting Colors

XYZ(27.0966, 15.2278, 27.1011)

Have a look what the booklet for
XYZ(27.0966, 15.2278, 27.1011)
contains.

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Color

**XYZ(27.0967, 15.2278,
27.1023)**

Conversions

Conversions Part 1

Format	Color
Hex	BD348E
RGB	189, 52, 142
RGB Percent	74%, 20%, 56%
CMY	0.2588, 0.7960, 0.4431
CMYK	0.00, 0.72, 0.25, 0.26
HSL	321°, 57%, 47%
HSV	321°, 72%, 74%
XYZ	27.0967, 15.2278, 27.1023
YIQ	103.2230, 52.7620, 57.0340

Conversions

Conversions Part 2

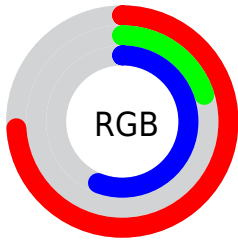
Format	Color
R_{YB}	189, 52, 142
Decimal	12399758
CIE _{Lab}	45.94, 62.07, -19.01
CIE _{LCh}	46, 64.918, 342.974
Yxy	15.2278, 0.3903, 0.2193
Android (android.graphics.Color)	4290589838 (0xFFBD348E)
YUV	103.2230, 19.1171, 75.2264
Hunter-Lab	39.0228, 55.6571, -13.8624

Details

The XYZ color **27.0967, 15.2278, 27.1023** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **21.8668, 38.0265, 17.9938**, and the grayscale version is **12.8933, 13.5648, 14.7720**.

A 20% lighter version of the original color is **54.6067, 35.2771, 56.1556**, and **11.2918, 5.5980, 10.6106** is the 20% darker color. If you saturate the color by 10%, you get **25.9428, 13.6764, 24.3851**, and if you desaturate by 10%, it is **28.6175, 17.4672, 30.0817**.

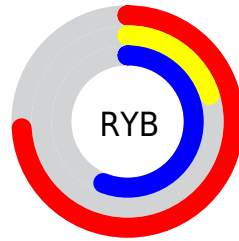
Distribution



Red (74%)

Green (20%)

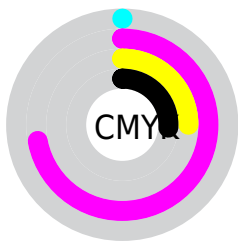
Blue (56%)



Red (74%)

Yellow (20%)

Blue (56%)

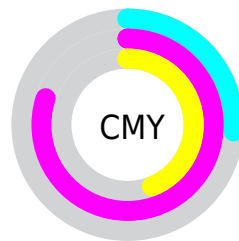


Cyan (0%)

Magenta (72%)

Yellow (25%)

Black (26%)



Cyan (26%)

Magenta (80%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0967, 15.2278, 27.1023 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 27.0967, 15.2278, 27.1023 by changing the saturation by 10% instead.

■ 27.0967, 15.2278,
27.1023

■ 27.0967, 15.2278,
27.1023

280.2840,
224.7409, 301.9279

■ 17.7828, 8.9794,
17.4170

■ 54.4578, 35.2523,
56.0537

■ 10.8929, 4.7278,
10.3671

■ 73.2357, 49.7972,
76.1569

■ 6.0616, 2.0884,
5.5343

■ 95.8990, 67.8765,
100.5697

■ 2.9236, 0.6581,
2.4999

■ 122.8131, 89.8744,
129.7107

■ 1.1135, 0.0000,
0.8401

■ 154.3433,
116.1754, 163.9985

■ 0.0364, 0.0000,
0.0000

190.8549,

■ 0.0000, 0.0000,

147.1639, 203.8516

0.0000

232.7134,
183.2243, 249.6886

■ 27.0967, 15.2278,
27.1023

■ 27.0967, 15.2278,
27.1023

■ 25.9428, 13.6764,
24.3851

■ 28.6175, 17.4672,
30.0817

■ 25.1107, 12.7244,
21.9125

■ 30.5401, 20.4644,
33.3371

■ 24.6343, 12.2780,
20.1924

■ 32.8970, 24.2833,
36.8815

■ 35.7166, 28.9801,
40.7266

■ 39.0250, 34.6063,
44.8832

■ 42.8461, 41.2091,
49.3616

■ 47.2025, 48.8328,
54.1711

■ 52.1151, 57.5188,
59.3207

■ 57.6038, 67.3061,
64.8192

Harmonies

Analogous

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



22.9287, 15.2278, 49.9988



27.0967, 15.2278, 27.1023



27.3912, 15.2278, 10.6765

Triad

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



27.0967, 15.2278, 27.1023



12.2304, 15.2278, 1.1234



8.0419, 15.2278, 46.9101

Complementary

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



27.0967, 15.2278, 27.1023



21.8668, 38.0265, 17.9938

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.



6.4309, 15.2278, 24.3372



27.0967, 15.2278, 27.1023



8.4039, 15.2278, 2.8386

Square

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



27.0967, 15.2278, 27.1023



17.7900, 15.2278, 1.2179



6.5440, 15.2278, 9.2098



11.5973, 15.2278, 65.5481

Rectangle

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



27.0967, 15.2278, 27.1023



25.2594, 15.2278, 4.9684



6.5440, 15.2278, 9.2098



7.3007, 15.2278, 39.0806

Sweetspot

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



27.0972, 15.2286, 27.1026



69.9769, 62.1224, 80.4866



15.4154, 8.7094, 49.0128



14.6836, 12.7351, 16.8626



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.



27.0972, 15.2286, 27.1026



45.5188, 23.3683, 41.0059



23.4792, 13.7814, 8.0506



9.7871, 9.6391, 11.2678



16.6117, 8.2758, 13.7809



0.6803, 0.3360, 0.6956

Inverse Universe

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



27.0972, 15.2286, 27.1026



45.5188, 23.3683, 41.0059



26.5126, 39.8849, 42.4585



9.7871, 9.6391, 11.2678



16.6117, 8.2758, 13.7809



0.6803, 0.3360, 0.6956

Previews

White Background



This preview shows how the XYZ color 27.0967, 15.2278, 27.1023 looks on a white background.

Color Contrast Check

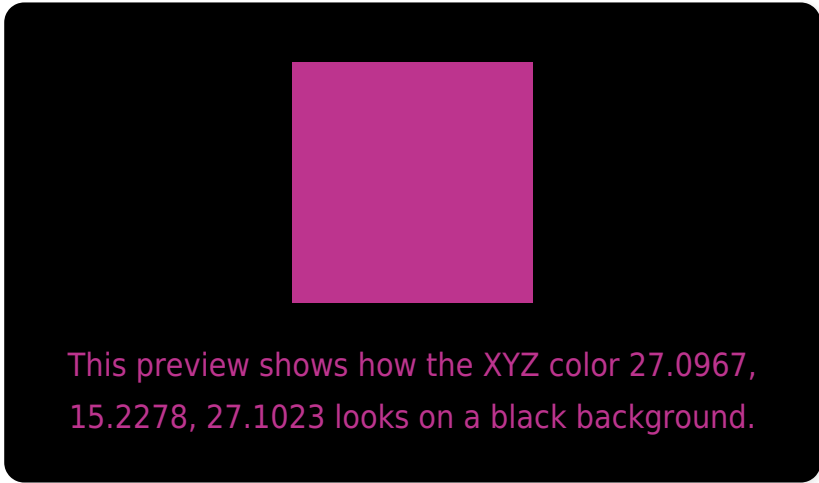
Large Text (above 18pt) WCAG AA ✓ Pass

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

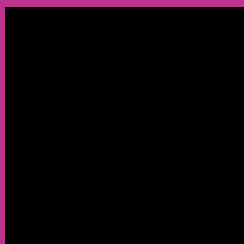
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.0967, 15.2278, 27.1023

Background



This preview shows how black text looks on a background with the XYZ color 27.0967, 15.2278, 27.1023.



This preview shows how white text looks on a background with the XYZ color 27.0967, 15.2278,

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

27.0967, 15.2278, 27.1023

Protanopia

16.9700, 15.5539, 47.4552

Deuteranopia

15.7451, 15.4248, 24.7017



Tritanopia

23.3890, 15.3469, 8.5670

Trichromacy



Original Color

27.0967, 15.2278, 27.1023



Protanomaly

18.0408, 13.5325, 39.1973



Deuteranomaly

18.2401, 13.9409, 25.3964



Tritanomaly

24.4402, 15.1398, 13.6907

Monochromacy



Original Color

27.0967, 15.2278, 27.1023



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

16.2127, 12.6933, 18.4252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0967, 15.2278, 27.1023 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, 52, 142)` looks like.

```
.text, #text, p{  
    color:rgb(189, 52, 142)  
}
```

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, 52, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 52, 142) }
```

Border

The CSS property to change the border of an element to XYZ 27.0967, 15.2278, 27.1023 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, 52, 142) }
```


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

```
.border{ border-color:rgb(189, 52, 142) }
```

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

Here you see how a box with a 4 pixel rgb(189, 52, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 52, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 52, 142);  
box-shadow:4px 4px 4px 4px rgb(189, 52,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0967, 15.2278, 27.1023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 52, 142) }
```

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

```
.background{ background-color: rgb(189, 52,  
142) }
```

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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