

Converting Colors

XYZ(27.6148, 15.1501, 34.2477)

Have a look what the booklet for
XYZ(27.6148, 15.1501, 34.2477)
contains.

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Color

**XYZ(27.6060, 15.1389,
34.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	BA319F
RGB	186, 49, 159
RGB Percent	73%, 19%, 62%
CMY	0.2706, 0.8078, 0.3765
CMYK	0.00, 0.74, 0.15, 0.27
HSL	312°, 58%, 46%
HSV	312°, 74%, 73%
XYZ	27.6060, 15.1389, 34.2680
YIQ	102.5030, 46.3420, 63.2540

Conversions

Conversions Part 2

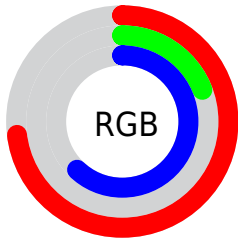
Format	Color
R_{YB}	186, 49, 159
Decimal	12202399
CIE _{Lab}	45.82, 64.64, -29.45
CIE _{LCh}	46, 71.035, 335.508
Yxy	15.1389, 0.3585, 0.1966
Android (android.graphics.Color)	4290392479 (0xFFBA319F)
YUV	102.5030, 27.8530, 73.2269
Hunter-Lab	38.9087, 58.5566, -24.9822

Details

The XYZ color **27.6060, 15.1389, 34.2680** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **20.1308, 36.2931, 12.7832**, and the grayscale version is **12.6827, 13.3431, 14.5307**.

A 20% lighter version of the original color is **55.1563, 34.9926, 67.4655**, and **11.7071, 5.7287, 14.3986** is the 20% darker color. If you saturate the color by 10%, you get **26.6690, 13.7663, 32.4094**, and if you desaturate by 10%, it is **28.8743, 17.1585, 36.2839**.

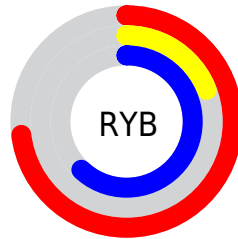
Distribution



Red (73%)

Green (19%)

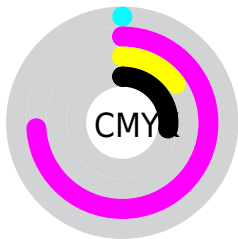
Blue (62%)



Red (73%)

Yellow (19%)

Blue (62%)

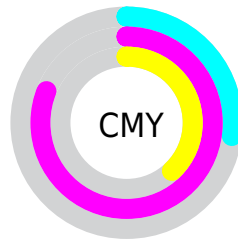


Cyan (0%)

Magenta (74%)

Yellow (15%)

Black (27%)



Cyan (27%)

Magenta (81%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6060, 15.1389, 34.2680 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 27.6060, 15.1389, 34.2680 by changing the saturation by 10% instead.

■ 27.6060, 15.1389,
34.2680

■ 27.6060, 15.1389,
34.2680

282.6938,
224.2054, 336.1310

■ 18.1678, 8.9169,
22.8205

■ 55.2678, 35.0967,
67.4889

■ 11.1709, 4.6870,
14.2570

■ 74.2222, 49.6013,
90.0993

■ 6.2501, 2.0648,
8.1588

■ 97.0793, 67.6355,
117.2679

■ 3.0398, 0.6447,
4.1075

■ 124.2045, 89.5838,
149.4131

■ 1.1749, 0.0000,
1.6845

■ 155.9632,
115.8305, 186.9535

■ 0.0864, 0.0000,
0.3501

192.7208,

■ 0.0000, 0.0000,

146.7601, 230.3075

0.0000

234.8425,
182.7570, 279.8939

■ 27.6060, 15.1389,
34.2680

■ 27.6060, 15.1389,
34.2680

■ 26.6690, 13.7663,
32.4094

■ 28.8743, 17.1585,
36.2839

■ 26.0194, 12.9536,
30.6926

■ 30.5077, 19.8933,
38.4683

■ 25.7020, 12.6200,
29.6582

■ 32.5374, 23.4054,
40.8321

■ 34.9908, 27.7494,
43.3849

■ 37.8928, 32.9750,
46.1353

■ 41.2664, 39.1281,
49.0914

■ 45.1329, 46.2513,
52.2606

■ 49.5126, 54.3846,
55.6501

■ 54.4241, 63.5658,
59.2665

Harmonies

Analogous

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



22.1605, 15.1389, 60.4947



27.6060, 15.1389, 34.2680



29.1506, 15.1389, 13.5188

Triad

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



27.6060, 15.1389, 34.2680



13.3127, 15.1389, 0.5803



6.9076, 15.1389, 43.9884

Complementary

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



27.6060, 15.1389, 34.2680



20.1308, 36.2931, 12.7832

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.



5.7056, 15.1389, 19.8532



27.6060, 15.1389, 34.2680



8.6871, 15.1389, 1.5786

Square

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



27.6060, 15.1389, 34.2680



19.7061, 15.1389, 1.0048



6.2524, 15.1389, 6.2485



10.1264, 15.1389, 68.3363

Rectangle

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



27.6060, 15.1389, 34.2680



27.4732, 15.1389, 5.9754



6.2524, 15.1389, 6.2485



6.3020, 15.1389, 35.1371

Sweetspot

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



27.6065, 15.1397, 34.2683



69.4212, 61.1091, 84.2912



12.7951, 7.2032, 47.1707



14.9476, 12.8406, 18.2527



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.



27.6065, 15.1397, 34.2683



47.5976, 23.9848, 56.9079



23.2973, 13.4160, 11.5762



9.3030, 9.1316, 10.9430



17.3182, 8.5010, 20.0941



0.6302, 0.3075, 0.8118

Inverse Universe

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



27.6065, 15.1397, 34.2683



47.5976, 23.9848, 56.9079



23.7552, 37.7429, 31.8688



9.3030, 9.1316, 10.9430



17.3182, 8.5010, 20.0941



0.6302, 0.3075, 0.8118

Previews

White Background



This preview shows how the XYZ color 27.6060, 15.1389, 34.2680 looks on a white background.

Color Contrast Check

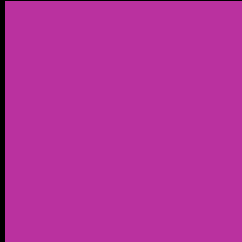
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.6060, 15.1389, 34.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

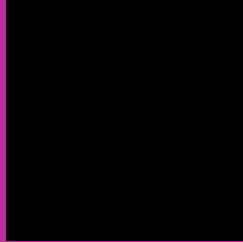
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.6060, 15.1389, 34.2680

Background



This preview shows how black text looks on a background with the XYZ color 27.6060, 15.1389, 34.2680.



This preview shows how white text looks on a background with the XYZ color 27.6060, 15.1389,

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

27.6060, 15.1389, 34.2680

Protanopia

17.9378, 15.5973, 61.0966

Deuteranopia

15.7723, 15.4463, 31.4283



Tritanopia

22.5545, 15.1950, 9.3336

Trichromacy



Original Color

27.6060, 15.1389, 34.2680



Protanomaly

18.0223, 13.0395, 50.2822



Deuteranomaly

18.2942, 13.8166, 32.2745



Tritanomaly

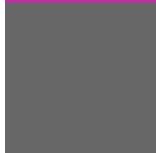
23.9999, 14.9456, 16.0879

Monochromacy



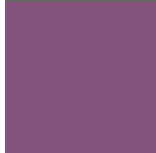
Original Color

27.6060, 15.1389, 34.2680



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

16.3413, 12.6031, 20.3103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6060, 15.1389, 34.2680 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, 49, 159)` looks like.

```
.text, #text, p{  
    color:rgb(186, 49, 159)  
}
```

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, 49, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 49, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.6060, 15.1389, 34.2680 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, 49, 159) }
```


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

```
.border{ border-color:rgb(186, 49, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 49, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 49, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 49, 159);  
box-shadow:4px 4px 4px 4px rgb(186, 49,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6060, 15.1389, 34.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 49, 159) }
```

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

```
.background{ background-color: rgb(186, 49,  
159) }
```

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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