

Converting Colors

XYZ(27.0879, 16.3127, 22.4899)

Have a look what the booklet for
XYZ(27.0879, 16.3127, 22.4899)
contains.

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Color

**XYZ(27.0879, 16.3127,
22.4899)**

Conversions

Conversions Part 1

Format	Color
Hex	BE4181
RGB	190, 65, 129
RGB Percent	75%, 25%, 51%
CMY	0.2549, 0.7451, 0.4941
CMYK	0.00, 0.66, 0.32, 0.25
HSL	329°, 49%, 50%
HSV	329°, 66%, 75%
XYZ	27.0879, 16.3127, 22.4899
YIQ	109.6710, 53.9560, 46.4040

Conversions

Conversions Part 2

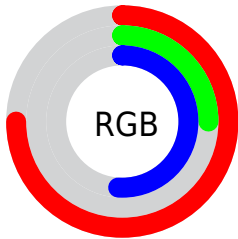
Format	Color
R_{YB}	190, 65, 129
Decimal	12468609
CIE _{Lab}	47.38, 55.84, -8.94
CIE _{LCh}	47, 56.553, 350.900
Yxy	16.3127, 0.4111, 0.2476
Android (android.graphics.Color)	4290658689 (0xFFBE4181)
YUV	109.6710, 9.5292, 70.4485
Hunter-Lab	40.3890, 49.0348, -4.7423

Details

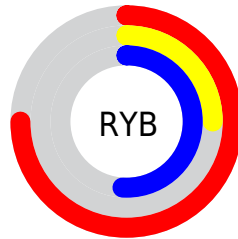
The XYZ color **27.0879, 16.3127, 22.4899** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24.3602, 39.4575, 26.0730**, and the grayscale version is **14.6905, 15.4555, 16.8310**.

A 20% lighter version of the original color is **54.5843, 37.1343, 48.5467**, and **10.9637, 5.4847, 8.0702** is the 20% darker color. If you saturate the color by 10%, you get **25.5861, 14.2512, 19.0851**, and if you desaturate by 10%, it is **29.0133, 19.1318, 26.3122**.

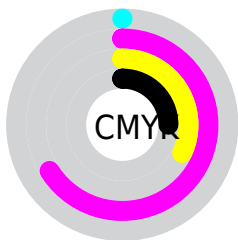
Distribution



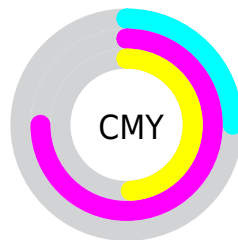
- Red (75%)
- Green (25%)
- Blue (51%)



- Red (75%)
- Yellow (25%)
- Blue (51%)



- Cyan (0%)
- Magenta (66%)
- Yellow (32%)
- Black (25%)



- Cyan (25%)
- Magenta (75%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0879, 16.3127, 22.4899 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 27.0879, 16.3127, 22.4899 by changing the saturation by 10% instead.

■ 27.0879, 16.3127,
22.4899

■ 27.0879, 16.3127,
22.4899

280.2423,
231.1799, 278.1306

■ 17.7762, 9.7457,
14.0156

■ 54.4438, 37.1402,
48.4669

■ 10.8881, 5.2307,
7.9926

■ 73.2186, 52.1695,
66.8066

■ 6.0584, 2.3832,
4.0025

■ 95.8786, 70.7884,
89.2719

■ 2.9216, 0.8172,
1.6267

■ 122.7890, 93.3812,
116.2813

■ 1.1124, 0.0000,
0.3098

■ 154.3152,
120.3324, 148.2533

■ 0.0355, 0.0000,
0.0000

190.8226,

■ 0.0000, 0.0000,

152.0263, 185.6065

0.0000

232.6765,
188.8473, 228.7594

■ 27.0879, 16.3127,
22.4899

■ 27.0879, 16.3127,
22.4899

■ 25.5861, 14.2512,
19.0851

■ 29.0133, 19.1318,
26.3122

■ 24.4666, 12.8671,
16.0763

■ 31.3955, 22.7728,
30.5696

■ 23.6800, 12.0641,
13.4396

■ 34.2659, 27.2961,
35.2795

■ 23.4057, 11.8154,
12.4237

■ 37.6523, 32.7555,
40.4578

■ 41.5808, 39.2007,
46.1194

■ 46.0752, 46.6776,
52.2785

■ 51.1581, 55.2295,
58.9486

■ 56.8508, 64.8969,
66.1425

■ 63.1735, 75.7185,
73.8726

Harmonies

Analogous

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



24.2416, 16.3127, 41.4470



27.0879, 16.3127, 22.4899



26.3515, 16.3127, 9.6289

Triad

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



27.0879, 16.3127, 22.4899



12.3173, 16.3127, 2.4479



10.1904, 16.3127, 48.9068

Complementary

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



27.0879, 16.3127, 22.4899



24.3602, 39.4575, 26.0730

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.



8.1370, 16.3127, 29.5268



27.0879, 16.3127, 22.4899



9.1686, 16.3127, 5.4291

Square

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



27.0879, 16.3127, 22.4899



17.0780, 16.3127, 2.0769



7.8082, 16.3127, 13.7476



14.0312, 16.3127, 61.2741

Rectangle

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



27.0879, 16.3127, 22.4899



23.9807, 16.3127, 5.1335



7.8082, 16.3127, 13.7476



9.3062, 16.3127, 42.6252

Sweetspot

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



27.0884, 16.3136, 22.4902



71.9953, 65.5101, 78.8089



19.7039, 11.8908, 49.9718



15.3706, 13.6665, 16.6697



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.0884, 16.3136, 22.4902



45.3732, 24.5554, 32.0484



24.1417, 15.1349, 6.9733



9.7285, 9.6157, 10.9594



15.6033, 7.8725, 8.4706



0.6442, 0.3216, 0.5054

Inverse Universe

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



27.0884, 16.3136, 22.4902



45.3732, 24.5554, 32.0484



29.6620, 41.5782, 53.9919



9.7285, 9.6157, 10.9594



15.6033, 7.8725, 8.4706



0.6442, 0.3216, 0.5054

Previews

White Background



This preview shows how the XYZ color 27.0879, 16.3127, 22.4899 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 27.0879, 16.3127, 22.4899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

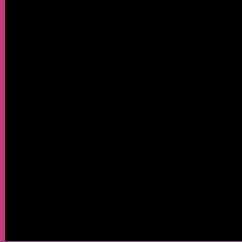
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.0879, 16.3127, 22.4899

Background



This preview shows how black text looks on a background with the XYZ color 27.0879, 16.3127, 22.4899.



This preview shows how white text looks on a background with the XYZ color 27.0879, 16.3127,

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

27.0879, 16.3127, 22.4899

Protanopia

17.1545, 16.5388, 36.0064

Deuteranopia

16.8345, 16.5501, 20.7196



Tritanopia

24.3888, 16.3409, 9.6533

Trichromacy



Original Color

27.0879, 16.3127, 22.4899

Protanomaly

18.7876, 15.0006, 30.3390

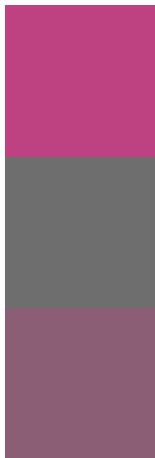
Deuteranomaly

19.3814, 15.5058, 21.3734

Tritanomaly

25.0807, 16.2117, 13.3626

Monochromacy



Original Color

27.0879, 16.3127, 22.4899

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

17.8611, 14.7787, 18.7408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0879, 16.3127, 22.4899 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(190, 65, 129)` looks like.

```
.text, #text, p{  
  color:rgb(190, 65, 129)  
}
```

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(190, 65, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 65, 129) }
```

Border

The CSS property to change the border of an element to XYZ 27.0879, 16.3127, 22.4899 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(190, 65, 129) }
```


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

```
.border{ border-color:rgb(190, 65, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 65, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 65, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 65, 129);  
box-shadow:4px 4px 4px 4px rgb(190, 65,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0879, 16.3127, 22.4899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 65, 129) }
```

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

```
.background{ background-color: rgb(190, 65,  
129) }
```

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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