

Converting Colors

XYZ(26.9427, 13.3805, 19.6038)

Have a look what the booklet for
XYZ(26.9427, 13.3805, 19.6038)
contains.

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Color

**XYZ(27.0660, 13.5473,
19.6007)**

Conversions

Conversions Part 1

Format	Color
Hex	C7007A
RGB	199, 0, 122
RGB Percent	78%, 0%, 48%
CMY	0.2196, 0.9998, 0.5216
CMYK	0.00, 1.00, 0.39, 0.22
HSL	323°, 100%, 39%
HSV	323°, 100%, 78%
XYZ	27.0660, 13.5473, 19.6007
YIQ	73.4090, 79.4420, 80.1300

Conversions

Conversions Part 2

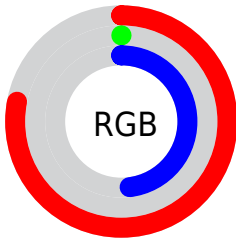
Format	Color
RYB	199, 0, 122
Decimal	13041786
CIELab	43.58, 72.16, -10.21
CIELCh	44, 72.875, 351.947
Yxy	13.5473, 0.4495, 0.2250
Android (android.graphics.Color)	4291231866 (0xFFC7007A)
YUV	73.4090, 23.9554, 110.1433
Hunter-Lab	36.8067, 66.8494, -5.8091

Details

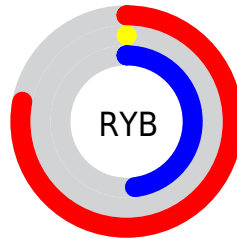
The XYZ color **27.0660, 13.5473, 19.6007** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **21.7648, 41.3833, 13.8691**, and the grayscale version is **6.3579, 6.6890, 7.2843**.

A 20% lighter version of the original color is **52.3697, 31.2954, 43.3248**, and **11.8501, 5.9700, 6.8311** is the 20% darker color. If you saturate the color by 10%, you get **27.0650, 13.5468, 19.5957**, and if you desaturate by 10%, it is **27.8115, 14.2440, 22.2978**.

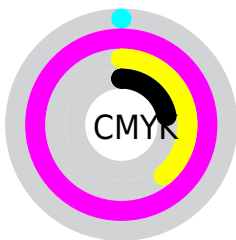
Distribution



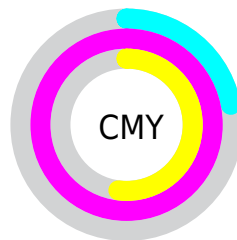
- Red (78%)
- Green (0%)
- Blue (48%)



- Red (78%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0660, 13.5473, 19.6007 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 27.0660, 13.5473, 19.6007 by changing the saturation by 10% instead.

 27.0660, 13.5473,
19.6007


 27.0660, 13.5473,
19.6007


280.1383,
214.3961, 262.2775


 17.7596, 7.8065,
11.9239


 54.4089, 32.2836,
43.5968


 10.8762, 3.9714,
6.5700


 73.1761, 46.0479,
60.7533


 6.0503, 1.6576,
3.1203


 95.8277, 63.2554,
81.9067

 2.9167, 0.3959,
1.1564

 122.7290, 84.2906,
107.4757

 1.1098, 0.0000,
0.0000

 154.2454,
109.5379, 137.8787

 0.0333, 0.0000,
0.0000

 190.7421,

 0.0000, 0.0000,

139.3816, 173.5343

0.0000

232.5846,
174.2062, 214.8611

■ 27.0660, 13.5473,
19.6007

■ 27.0660, 13.5473,
19.6007

■ 27.0650, 13.5468,
19.5957

■ 27.8115, 14.2440,
22.2978

■ 28.8508, 15.4666,
25.2836

■ 30.2743, 17.3941,
28.5922

■ 32.1292, 20.1203,
32.2433

■ 34.4559, 23.7242,
36.2542

■ 37.2897, 28.2755,
40.6404

■ 40.6626, 33.8368,
45.4159

■ 44.6036, 40.4652,
50.5942

■ 49.1397, 48.2136,
56.1875

Harmonies

Analogous

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



23.5810, 13.5473, 43.7989



27.0660, 13.5473, 19.6007



25.9554, 13.5473, 5.8533

Triad

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



27.0660, 13.5473, 19.6007



9.1984, 13.5473, 0.5270



7.2323, 13.5473, 55.8552

Complementary

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



27.0660, 13.5473, 19.6007



21.7648, 41.3833, 13.8691

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.



5.1500, 13.5473, 29.8706



27.0660, 13.5473, 19.6007



6.0295, 13.5473, 2.6280

Square

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



27.0660, 13.5473, 19.6007



14.4739, 13.5473, 0.2081



4.7863, 13.5473, 10.7750



11.4008, 13.5473, 72.7859

Rectangle

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



27.0660, 13.5473, 19.6007



22.8717, 13.5473, 2.1439



4.7863, 13.5473, 10.7750



6.3228, 13.5473, 47.2617

Sweetspot

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



27.0664, 13.5481, 19.6009



70.9045, 58.7579, 79.1205



13.3142, 5.6735, 54.4260



14.6144, 11.6450, 16.1541



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.0664, 13.5481, 19.6009



47.2673, 23.6709, 33.6691



23.7107, 12.2058, 1.9302



10.9024, 10.7444, 12.4696



17.4474, 8.7285, 12.8319



0.8608, 0.4272, 0.7903

Inverse Universe

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



27.0664, 13.5481, 19.6009



47.2673, 23.6709, 33.6691



28.2393, 43.9731, 47.9635



10.9024, 10.7444, 12.4696



17.4474, 8.7285, 12.8319



0.8608, 0.4272, 0.7903

Previews

White Background



This preview shows how the XYZ color 27.0660, 13.5473, 19.6007 looks on a white background.

Color Contrast Check

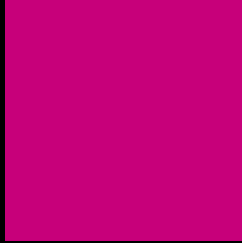
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0660, 13.5473, 19.6007 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 27.0660, 13.5473, 19.6007

Background



This preview shows how black text looks on a background with the XYZ color 27.0660, 13.5473, 19.6007.



This preview shows how white text looks on a background with the XYZ color 27.0660, 13.5473,

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

27.0660, 13.5473, 19.6007

Protanopia

15.5686, 14.3321, 42.5033

Deuteranopia

14.4141, 14.1397, 17.5923



Tritanopia

24.1384, 13.9463, 4.4373

Trichromacy



Original Color

27.0660, 13.5473, 19.6007



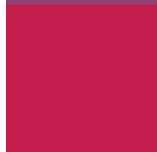
Protanomaly

15.8341, 10.3617, 32.6179



Deuteranomaly

16.5443, 10.9708, 17.7686



Tritanomaly

24.5594, 13.2375, 8.0982

Monochromacy



Original Color

27.0660, 13.5473, 19.6007



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.4731, 6.6313, 10.6255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0660, 13.5473, 19.6007 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(199, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 122)  
}
```

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(199, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 122) }
```

Border

The CSS property to change the border of an element to XYZ 27.0660, 13.5473, 19.6007 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(199, 0, 122) }
```


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

```
.border{ border-color:rgb(199, 0, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 0, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0660, 13.5473, 19.6007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 122) }
```

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

```
.background{ background-color: rgb(199, 0,  
122) }
```

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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