

Converting Colors

XYZ(26.8701, 13.6558, 19.5553)

Have a look what the booklet for
XYZ(26.8701, 13.6558, 19.5553)
contains.

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Color

**XYZ(26.9455, 13.6988,
19.6363)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C60D7A |
| RGB | 198, 13, 122 |
| RGB Percent | 78%, 5%, 48% |
| CMY | 0.2235, 0.9489, 0.5216 |
| CMYK | 0.00, 0.93, 0.38, 0.22 |
| HSL | 325°, 88%, 41% |
| HSV | 325°, 93%, 78% |
| XYZ | 26.9455, 13.6988, 19.6363 |
| YIQ | 80.7410, 75.2710, 73.1190 |

Conversions

Conversions Part 2

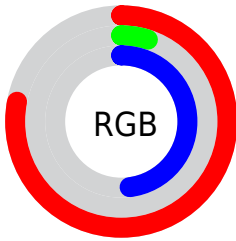
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 198, 13, 122 |
| Decimal | 12979578 |
| CIE Lab | 43.80, 70.71, -9.90 |
| CIE LCh | 44, 71.402, 352.033 |
| Yxy | 13.6988, 0.4470, 0.2273 |
| Android (android.graphics.Color) | 4291169658 (0xFFC60D7A) |
| YUV | 80.7410, 20.3407, 102.8361 |
| Hunter-Lab | 37.0119, 65.1813, -5.5474 |

Details

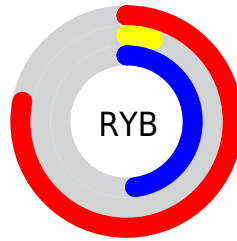
The XYZ color **26.9455, 13.6988, 19.6363** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **22.1650, 41.1958, 16.2416**, and the grayscale version is **7.7243, 8.1266, 8.8499**.

A 20% lighter version of the original color is **52.6211, 31.7982, 43.4086**, and **11.6838, 5.8843, 6.8233** is the 20% darker color. If you saturate the color by 10%, you get **26.4788, 13.2818, 17.8886**, and if you desaturate by 10%, it is **27.8663, 14.6995, 22.5355**.

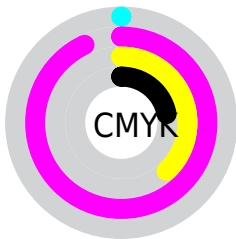
Distribution



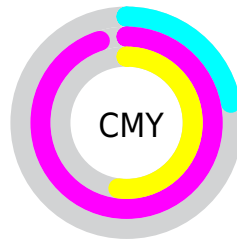
- Red (78%)
- Green (5%)
- Blue (48%)



- Red (78%)
- Yellow (5%)
- Blue (48%)



- Cyan (0%)
- Magenta (93%)
- Yellow (38%)
- Black (22%)





- Cyan (22%)
- Magenta (95%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9455, 13.6988, 19.6363 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 26.9455, 13.6988, 19.6363 by changing the saturation by 10% instead.


 26.9455, 13.6988,
19.6363


 26.9455, 13.6988,
19.6363


279.5655,
215.3489, 262.4781


 17.6687, 7.9115,
11.9495


 54.2169, 32.5536,
43.6575

 10.8106, 4.0384,
6.5872


 72.9422, 46.3899,
60.8290


 6.0060, 1.6950,
3.1308


 95.5477, 63.6780,
81.9991

 2.8894, 0.4204,
1.1618

 122.3987, 84.8023,
107.5864

 1.0956, 0.0000,
0.0000

 153.8607,
110.1471, 138.0094

 0.0214, 0.0000,
0.0000

 190.2989,

 0.0000, 0.0000,

140.0969, 173.6866

0.0000

232.0787,
175.0360, 215.0367

■ 26.9455, 13.6988,
19.6363

■ 26.9455, 13.6988,
19.6363

■ 26.4788, 13.2818,
17.8886

■ 27.8663, 14.6995,
22.5355

■ 29.1522, 16.3614,
25.7694

■ 30.8541, 18.7846,
29.3598

■ 33.0140, 22.0515,
33.3254

■ 35.6684, 26.2340,
37.6827

■ 38.8501, 31.3959,
42.4470

■ 42.5888, 37.5956,
47.6324

■ 46.9120, 44.8865,
53.2522

■ 51.8453, 53.3187,
59.3188

Harmonies

Analogous

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



23.5497, 13.6988, 43.2573



26.9455, 13.6988, 19.6363



25.8470, 13.6988, 6.0489

Triad

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



26.9455, 13.6988, 19.6363



9.3682, 13.6988, 0.6520



7.4334, 13.6988, 55.1140

Complementary

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



26.9455, 13.6988, 19.6363



22.1650, 41.1958, 16.2416

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.



5.3451, 13.6988, 29.8233



26.9455, 13.6988, 19.6363



6.2170, 13.6988, 2.8199

Square

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



26.9455, 13.6988, 19.6363



14.5784, 13.6988, 0.3356



4.9751, 13.6988, 11.0196



11.5774, 13.6988, 71.4689

Rectangle

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



26.9455, 13.6988, 19.6363



22.8247, 13.6988, 2.3006



4.9751, 13.6988, 11.0196



6.5234, 13.6988, 46.7743

Sweetspot

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



26.9459, 13.6996, 19.6365



71.9788, 60.8475, 79.6604



14.2697, 6.3930, 53.9080



14.8066, 12.0335, 16.2053



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.



26.9459, 13.6996, 19.6365



46.7632, 23.4693, 31.0148



23.6874, 12.3962, 2.4774



10.8916, 10.7400, 12.4124



17.2632, 8.6548, 11.8619



0.8528, 0.4240, 0.7479

Inverse Universe

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



26.9459, 13.6996, 19.6365



46.7632, 23.4693, 31.0148



28.5482, 43.7490, 49.8549



10.8916, 10.7400, 12.4124



17.2632, 8.6548, 11.8619



0.8528, 0.4240, 0.7479

Previews

White Background



This preview shows how the XYZ color 26.9455, 13.6988, 19.6363 looks on a white background.

Color Contrast Check

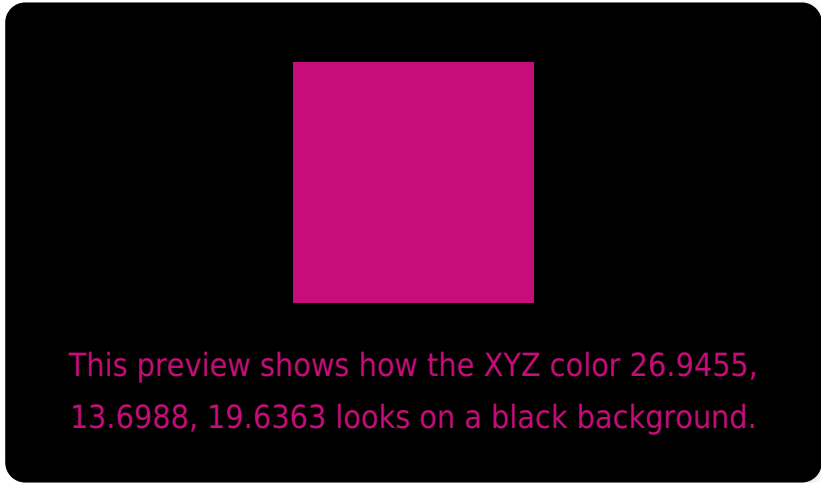
Large Text (above 18pt) WCAG AA ✓ Pass

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

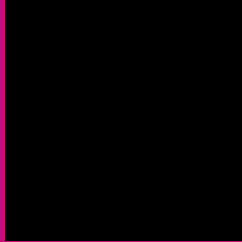
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9455, 13.6988, 19.6363

Background



This preview shows how black text looks on a background with the XYZ color 26.9455, 13.6988, 19.6363.



This preview shows how white text looks on a background with the XYZ color 26.9455, 13.6988,

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

26.9455, 13.6988, 19.6363

Protanopia

15.4707, 14.2930, 41.9878

Deuteranopia

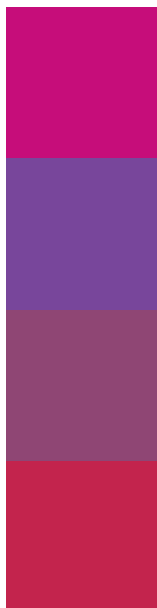
14.4141, 14.1397, 17.5923



Tritanopia

23.9440, 13.9050, 4.5539

Trichromacy



Original Color

26.9455, 13.6988, 19.6363

Protanomaly

15.8523, 10.7399, 32.2479

Deuteranomaly

16.6702, 11.4809, 17.8604

Tritanomaly

24.4761, 13.3997, 8.3175

Monochromacy



Original Color

26.9455, 13.6988, 19.6363

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

11.8377, 7.9580, 11.9785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9455, 13.6988, 19.6363 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(198, 13, 122)` looks like.

```
.text, #text, p{  
    color:rgb(198, 13, 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(198, 13, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 13, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.9455, 13.6988, 19.6363 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(198, 13, 122) }
```


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

```
.border{ border-color:rgb(198, 13, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 13, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 13, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 13, 122);  
box-shadow:4px 4px 4px 4px rgb(198, 13,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9455, 13.6988, 19.6363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 13, 122) }
```

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

```
.background{ background-color: rgb(198, 13,  
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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