

Converting Colors

XYZ(26.9679, 13.8382, 18.1884)

Have a look what the booklet for
XYZ(26.9679, 13.8382, 18.1884)
contains.

XYZ(26.9804, 13.8591, 18.0827)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9804, 13.8591,
18.0827)**

Conversions

Conversions Part 1

Format	Color
Hex	C71275
RGB	199, 18, 117
RGB Percent	78%, 7%, 46%
CMY	0.2196, 0.9293, 0.5412
CMYK	0.00, 0.91, 0.41, 0.22
HSL	327°, 83%, 43%
HSV	327°, 91%, 78%
XYZ	26.9804, 13.8591, 18.0827
YIQ	83.4050, 76.0970, 69.1610

Conversions

Conversions Part 2

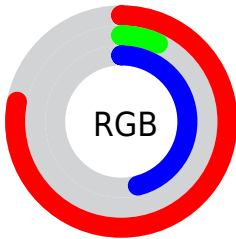
Format	Color
R_{YB}	199, 18, 117
Decimal	13046389
CIE _{Lab}	44.03, 69.85, -6.43
CIE _{LCh}	44, 70.149, 354.738
Yxy	13.8591, 0.4579, 0.2352
Android (android.graphics.Color)	4291236469 (0xFFC71275)
YUV	83.4050, 16.5623, 101.3768
Hunter-Lab	37.2278, 64.2170, -2.7395

Details

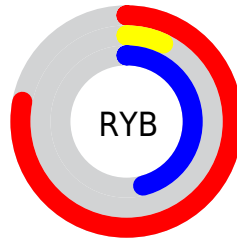
The XYZ color **26.9804, 13.8591, 18.0827** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22.9748, 41.8962, 18.9387**, and the grayscale version is **8.2636, 8.6939, 9.4677**.

A 20% lighter version of the original color is **52.2286, 31.7789, 40.9173**, and **11.7216, 5.9186, 6.1548** is the 20% darker color. If you saturate the color by 10%, you get **26.3045, 13.2426, 15.5907**, and if you desaturate by 10%, it is **28.0109, 15.0303, 21.1692**.

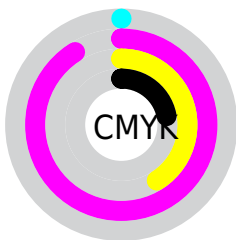
Distribution



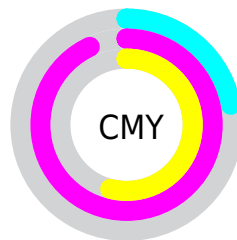
- Red (78%)
- Green (7%)
- Blue (46%)



- Red (78%)
- Yellow (7%)
- Blue (46%)



- Cyan (0%)
- Magenta (91%)
- Yellow (41%)
- Black (22%)





- Cyan (22%)
- Magenta (93%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9804, 13.8591, 18.0827 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 26.9804, 13.8591, 18.0827 by changing the saturation by 10% instead.


 26.9804, 13.8591,
18.0827


 26.9804, 13.8591,
18.0827


279.7315,
216.3525, 253.5885


 17.6950, 8.0227,
10.8393

 54.2725, 32.8388,
40.9940

 10.8296, 4.1095,
5.8461


 73.0100, 46.7509,
57.4991


 6.0188, 1.7350,
2.6844


 95.6288, 64.1238,
77.9284

 2.8973, 0.4462,
0.9356

 122.4944, 85.3417,
102.7006

 1.0997, 0.0000,
0.0000

 153.9721,
110.7892, 132.2341

 0.0249, 0.0000,
0.0000

 190.4273,

 0.0000, 0.0000,

140.8506, 166.9476

0.0000

232.2253,
175.9102, 207.2596

■ 26.9804, 13.8591,
18.0827

■ 26.9804, 13.8591,
18.0827

■ 26.3045, 13.2426,
15.5907

■ 28.0109, 15.0303,
21.1692

■ 29.4330, 16.9008,
24.6450

■ 31.2960, 19.5671,
28.5331

■ 33.6412, 23.1096,
32.8536

■ 36.5049, 27.5990,
37.6246

■ 39.9196, 33.0986,
42.8630

■ 43.9154, 39.6663,
48.5843

■ 48.5196, 47.3553,
54.8035

■ 53.7582, 56.2156,
61.5344

Harmonies

Analogous

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



23.9999, 13.8591, 40.6392



26.9804, 13.8591, 18.0827



25.4956, 13.8591, 5.5477

Triad

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



26.9804, 13.8591, 18.0827



9.1787, 13.8591, 0.8531



7.9051, 13.8591, 56.5659

Complementary

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



26.9804, 13.8591, 18.0827



22.9748, 41.8962, 18.9387

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.



5.6415, 13.8591, 31.9161



26.9804, 13.8591, 18.0827



6.2184, 13.8591, 3.4036

Square

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



26.9804, 13.8591, 18.0827



14.1798, 13.8591, 0.4237



5.1251, 13.8591, 12.4475



12.2143, 13.8591, 70.9040

Rectangle

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



26.9804, 13.8591, 18.0827



22.3425, 13.8591, 2.1580



5.1251, 13.8591, 12.4475



6.9339, 13.8591, 48.6281

Sweetspot

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



26.9808, 13.8599, 18.0829



72.2585, 61.8122, 78.5043



15.7219, 7.2358, 54.6008



14.9721, 12.4228, 16.0806



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.



26.9808, 13.8599, 18.0829



45.9339, 23.1375, 26.6476



23.9686, 12.6550, 2.2208



10.8725, 10.7324, 12.3116



16.9591, 8.5332, 10.2605



0.8392, 0.4185, 0.6764

Inverse Universe

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



26.9808, 13.8599, 18.0829



45.9339, 23.1375, 26.6476



29.9623, 44.6912, 55.7343



10.8725, 10.7324, 12.3116



16.9591, 8.5332, 10.2605



0.8392, 0.4185, 0.6764

Previews

White Background



This preview shows how the XYZ color 26.9804, 13.8591, 18.0827 looks on a white background.

Color Contrast Check

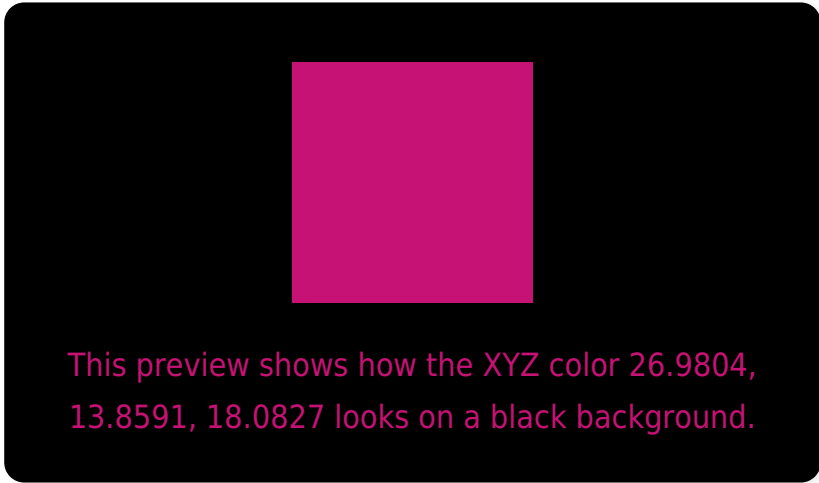
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9804, 13.8591, 18.0827

Background



This preview shows how black text looks on a background with the XYZ color 26.9804, 13.8591, 18.0827.



This preview shows how white text looks on a background with the XYZ color 26.9804, 13.8591,

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

26.9804, 13.8591, 18.0827

Protanopia

15.3129, 14.4476, 38.0580

Deuteranopia

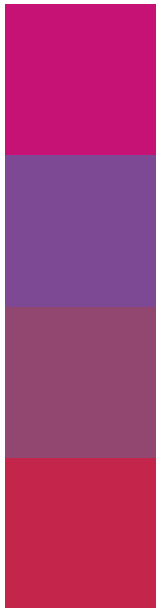
14.4511, 14.1843, 16.4442



Tritanopia

24.1384, 13.9463, 4.4373

Trichromacy



Original Color

26.9804, 13.8591, 18.0827

Protanomaly

16.1853, 11.2632, 29.3379

Deuteranomaly

16.8549, 11.6961, 16.6984

Tritanomaly

24.6625, 13.5533, 7.7948

Monochromacy



Original Color

26.9804, 13.8591, 18.0827

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

12.0870, 8.3141, 11.7942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9804, 13.8591, 18.0827 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, 18, 117)` looks like.

```
.text, #text, p{  
    color:rgb(199, 18, 117)  
}
```

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, 18, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 18, 117) }
```

Border

The CSS property to change the border of an element to XYZ 26.9804, 13.8591, 18.0827 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, 18, 117) }
```


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

```
.border{ border-color:rgb(199, 18, 117) }
```

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

Here you see how a box with a 4 pixel rgb(199, 18, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 18, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 18, 117);  
box-shadow:4px 4px 4px 4px rgb(199, 18,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9804, 13.8591, 18.0827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 18, 117) }
```

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

```
.background{ background-color: rgb(199, 18,  
117) }
```

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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