

Converting Colors

XYZ(26.3685, 13.3204, 13.5707)

Have a look what the booklet for
XYZ(26.3685, 13.3204, 13.5707)
contains.

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Color

**XYZ(26.4364, 13.3571,
13.4967)**

Conversions

Conversions Part 1

Format	Color
Hex	C90065
RGB	201, 0, 101
RGB Percent	79%, 0%, 40%
CMY	0.2118, 0.9999, 0.6039
CMYK	0.00, 1.00, 0.50, 0.21
HSL	330°, 100%, 39%
HSV	330°, 100%, 79%
XYZ	26.4364, 13.3571, 13.4967
YIQ	71.6130, 87.3750, 74.0230

Conversions

Conversions Part 2

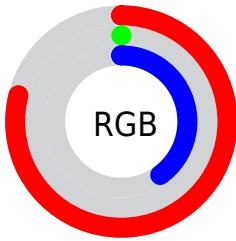
Format	Color
R_{YB}	201, 0, 101
Decimal	13172837
CIE Lab	43.30, 70.79, 2.51
CIE LCh	43, 70.837, 2.034
Yxy	13.3571, 0.4961, 0.2506
Android (android.graphics.Color)	4291362917 (0xFFC90065)
YUV	71.6130, 14.4878, 113.4724
Hunter-Lab	36.5474, 65.1594, 3.6878

Details

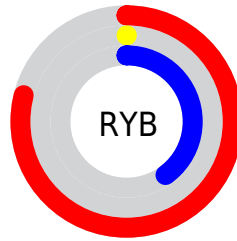
The XYZ color **26.4364, 13.3571, 13.4967** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **23.1892, 42.6943, 19.0847**, and the grayscale version is **6.0624, 6.3781, 6.9458**.

A 20% lighter version of the original color is **50.3157, 30.3434, 32.9107**, and **11.5048, 5.8513, 4.1375** is the 20% darker color. If you saturate the color by 10%, you get **26.4354, 13.3567, 13.4920**, and if you desaturate by 10%, it is **27.2093, 14.0704, 16.3213**.

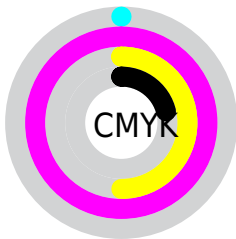
Distribution



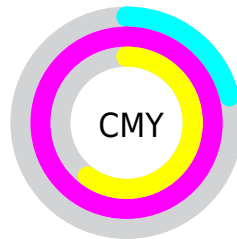
- Red (79%)
- Green (0%)
- Blue (40%)



- Red (79%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4364, 13.3571, 13.4967 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 26.4364, 13.3571, 13.4967 by changing the saturation by 10% instead.


 26.4364, 13.3571,
13.4967

 26.4364, 13.3571,
13.4967


277.1354,
213.1938, 225.3954


 17.2848, 7.6749,
7.6367


 53.4044, 31.9439,
32.8975


 10.5343, 3.8876,
3.7790


 71.9516, 45.6172,
47.2753


 5.8196, 1.6109,
1.5049

 94.3612, 62.7231,
65.3296

 2.7753, 0.3649,
0.2216

 120.9988, 83.6458,
87.4787

 1.0361, 0.0000,
0.0000

 152.2297,
108.7699, 114.1414

 0.0000, 0.0000,
0.0000

 188.4192,

138.4796, 145.7360

229.9326,
173.1595, 182.6811

■ 26.4364, 13.3571,
13.4967

■ 26.4364, 13.3571,
13.4967

■ 26.4354, 13.3567,
13.4920

■ 27.2093, 14.0704,
16.3213

■ 28.3056, 15.3317,
19.5578

■ 29.8181, 17.3235,
23.2469

■ 31.7964, 20.1424,
27.4142

■ 34.2829, 23.8699,
32.0826

■ 37.3148, 28.5779,
37.2727

■ 40.9255, 34.3306,
43.0040

■ 45.1458, 41.1872,
49.2945

■ 50.0043, 49.2021,
56.1613

Harmonies

Analogous

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



24.4872, 13.3571, 33.8256



26.4364, 13.3571, 13.4967



23.9112, 13.3571, 3.6796

Triad

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



26.4364, 13.3571, 13.4967



7.8792, 13.3571, 1.0217



8.3609, 13.3571, 60.9183

Complementary

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



26.4364, 13.3571, 13.4967



23.1892, 42.6943, 19.0847

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.



5.6848, 13.3571, 37.1944



26.4364, 13.3571, 13.4967



5.4683, 13.3571, 4.4743

Square

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



26.4364, 13.3571, 13.4967



12.3245, 13.3571, 0.2696



4.7985, 13.3571, 15.6433



13.0739, 13.3571, 70.5048

Rectangle

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



26.4364, 13.3571, 13.4967



20.3595, 13.3571, 1.3586



4.7985, 13.3571, 15.6433



7.2460, 13.3571, 53.7670

Sweetspot

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



26.4368, 13.3579, 13.4969



69.7758, 58.3064, 73.1768



15.4908, 6.7686, 55.7483



14.3466, 11.5379, 14.7440



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.



26.4368, 13.3579, 13.4969



45.1436, 22.8214, 22.4860



24.1063, 12.4257, 1.2251



10.8524, 10.7243, 12.2060



16.6679, 8.4167, 8.7269



0.8258, 0.4132, 0.6057

Inverse Universe

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



26.4368, 13.3579, 13.4969



45.1436, 22.8214, 22.4860



31.0399, 45.8346, 60.4260



10.8524, 10.7243, 12.2060



16.6679, 8.4167, 8.7269



0.8258, 0.4132, 0.6057

Previews

White Background



This preview shows how the XYZ color 26.4364, 13.3571, 13.4967 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 26.4364, 13.3571, 13.4967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

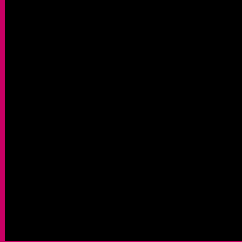
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.4364, 13.3571, 13.4967

Background



This preview shows how black text looks on a background with the XYZ color 26.4364, 13.3571, 13.4967.



This preview shows how white text looks on a background with the XYZ color 26.4364, 13.3571,

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

26.4364, 13.3571, 13.4967

Protanopia

14.4522, 14.0511, 29.1446

Deuteranopia

14.2372, 14.0196, 12.3116



Tritanopia

24.4305, 13.6766, 3.3597

Trichromacy



Original Color

26.4364, 13.3571, 13.4967



Protanomaly

15.4932, 10.4137, 22.3126



Deuteranomaly

16.3391, 10.9009, 12.3092



Tritanomaly

24.7703, 13.1852, 5.7969

Monochromacy



Original Color

26.4364, 13.3571, 13.4967



Achromatopsia

6.1596, 6.4803, 7.0571



Achromatomaly

10.1461, 6.5005, 8.9036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4364, 13.3571, 13.4967 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(201, 0, 101)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 101)  
}
```

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(201, 0, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 101) }
```

Border

The CSS property to change the border of an element to XYZ 26.4364, 13.3571, 13.4967 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(201, 0, 101) }
```


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

```
.border{ border-color:rgb(201, 0, 101) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 101);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4364, 13.3571, 13.4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 101) }
```

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

```
.background{ background-color: rgb(201, 0,  
101) }
```

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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