

Converting Colors

XYZ(26.1123, 13.4749, 13.3100)

Have a look what the booklet for
XYZ(26.1123, 13.4749, 13.3100)
contains.

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Color

**XYZ(26.0387, 13.4328,
13.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	C71064
RGB	199, 16, 100
RGB Percent	78%, 6%, 39%
CMY	0.2196, 0.9371, 0.6078
CMYK	0.00, 0.92, 0.50, 0.22
HSL	332°, 85%, 42%
HSV	332°, 92%, 78%
XYZ	26.0387, 13.4328, 13.2770
YIQ	80.2930, 82.1040, 64.9200

Conversions

Conversions Part 2

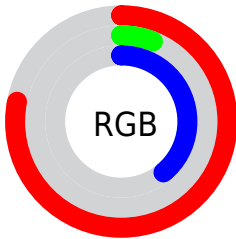
Format	Color
R_{YB}	199, 16, 100
Decimal	13045860
CIE _{Lab}	43.41, 68.67, 3.25
CIE _{LCh}	43, 68.743, 2.711
Yxy	13.4328, 0.4936, 0.2547
Android (android.graphics.Color)	4291235940 (0xFFC71064)
YUV	80.2930, 9.7156, 104.1060
Hunter-Lab	36.6508, 62.6772, 4.1773

Details

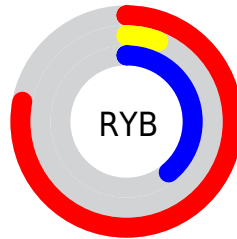
The XYZ color **26.0387, 13.4328, 13.2770** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **23.7336, 42.1955, 23.1218**, and the grayscale version is **7.6555, 8.0541, 8.7710**.

A 20% lighter version of the original color is **50.5670, 30.9765, 32.5920**, and **11.1471, 5.6696, 3.9969** is the 20% darker color. If you saturate the color by 10%, you get **25.4556, 12.9031, 11.1207**, and if you desaturate by 10%, it is **27.0382, 14.5421, 16.3537**.

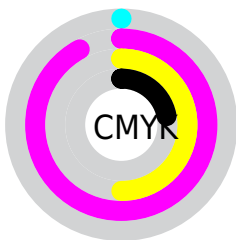
Distribution



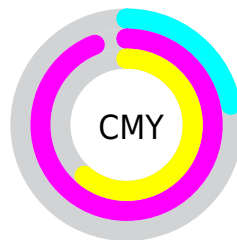
- Red (78%)
- Green (6%)
- Blue (39%)



- Red (78%)
- Yellow (6%)
- Blue (39%)



- Cyan (0%)
- Magenta (92%)
- Yellow (50%)
- Black (22%)





- Cyan (22%)
- Magenta (94%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0387, 13.4328, 13.2770 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 26.0387, 13.4328, 13.2770 by changing the saturation by 10% instead.


 26.0387, 13.4328,
13.2770


 26.0387, 13.4328,
13.2770


275.2252,
213.6731, 223.9552


 16.9854, 7.7272,
7.4866


 52.7682, 32.0792,
32.4990


 10.3193, 3.9209,
3.6852


 71.1752, 45.7888,
46.7677


 5.6751, 1.6294,
1.4543

 93.4308, 62.9352,
64.6995

 2.6873, 0.3773,
0.1835

 119.9003, 83.9028,
86.7131

 0.9906, 0.0000,
0.0000

 150.9492,
109.0760, 113.2269

 0.0000, 0.0000,
0.0000

 186.9427,

138.8392, 144.6595

228.2463,
173.5768, 181.4294

■ 26.0387, 13.4328,
13.2770

■ 26.0387, 13.4328,
13.2770

■ 25.4556, 12.9031,
11.1207

■ 27.0382, 14.5421,
16.3537

■ 28.4430, 16.3475,
19.9178

■ 30.3044, 18.9478,
23.9983

■ 32.6653, 22.4254,
28.6209

■ 35.5634, 26.8521,
33.8090

■ 39.0324, 32.2920,
39.5841

■ 43.1035, 38.8040,
45.9667

■ 47.8051, 46.4420,
52.9758

■ 53.1641, 55.2567,
60.6298

Harmonies

Analogous

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



24.2590, 13.4328, 32.7079



26.0387, 13.4328, 13.2770



23.5205, 13.4328, 3.7862

Triad

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



26.0387, 13.4328, 13.2770



7.9780, 13.4328, 1.2064



8.6096, 13.4328, 59.5090

Complementary

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



26.0387, 13.4328, 13.2770



23.7336, 42.1955, 23.1218

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.



5.9229, 13.4328, 37.0091



26.0387, 13.4328, 13.2770



5.6362, 13.4328, 4.8530

Square

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



26.0387, 13.4328, 13.2770



12.2873, 13.4328, 0.4318



5.0046, 13.4328, 16.0635



13.2600, 13.4328, 68.1669

Rectangle

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



26.0387, 13.4328, 13.2770



20.0650, 13.4328, 1.4806



5.0046, 13.4328, 16.0635



7.4962, 13.4328, 52.7905

Sweetspot

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



26.0391, 13.4336, 13.2772



70.7398, 60.3519, 73.1361



17.3837, 8.0465, 54.6695



14.5100, 11.9149, 14.6437



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.



26.0391, 13.4336, 13.2772



44.4525, 22.5450, 18.8470



23.9362, 12.7583, 1.6924



10.8329, 10.7166, 12.1035



16.4118, 8.3143, 7.3781



0.8135, 0.4083, 0.5413

Inverse Universe

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



26.0391, 13.4336, 13.2772



44.4525, 22.5450, 18.8470



29.5709, 42.3299, 60.6445



10.8329, 10.7166, 12.1035



16.4118, 8.3143, 7.3781



0.8135, 0.4083, 0.5413

Previews

White Background



This preview shows how the XYZ color 26.0387, 13.4328, 13.2770 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 26.0387, 13.4328, 13.2770 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 26.0387, 13.4328, 13.2770

Background



This preview shows how black text looks on a background with the XYZ color 26.0387, 13.4328, 13.2770.



This preview shows how white text looks on a background with the XYZ color 26.0387, 13.4328,

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

26.0387, 13.4328, 13.2770

Protanopia

14.2218, 13.9590, 27.9314

Deuteranopia

14.0967, 13.8090, 12.0476



Tritanopia

24.0108, 13.5589, 3.5421

Trichromacy



Original Color

26.0387, 13.4328, 13.2770

Protanomaly

15.4441, 10.8641, 21.3617

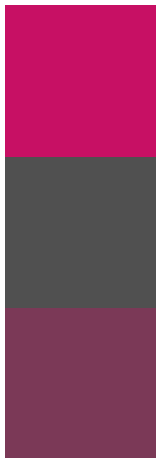
Deuteranomaly

16.4064, 11.3784, 12.1580

Tritanomaly

24.4670, 13.3169, 5.9835

Monochromacy



Original Color

26.0387, 13.4328, 13.2770

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

11.3518, 7.8253, 9.9290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0387, 13.4328, 13.2770 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, 16, 100)` looks like.

```
.text, #text, p{  
    color:rgb(199, 16, 100)  
}
```

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, 16, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 16, 100) }
```

Border

The CSS property to change the border of an element to XYZ 26.0387, 13.4328, 13.2770 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, 16, 100) }
```


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

```
.border{ border-color:rgb(199, 16, 100) }
```

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

Here you see how a box with a 4 pixel rgb(199, 16, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 16, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 16, 100);  
box-shadow:4px 4px 4px 4px rgb(199, 16,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0387, 13.4328, 13.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 16, 100) }
```

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

```
.background{ background-color: rgb(199, 16,  
100) }
```

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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