

Converting Colors

XYZ(26.2627, 13.3817, 8.3315)

Have a look what the booklet for
XYZ(26.2627, 13.3817, 8.3315)
contains.

XYZ(26.2770, 13.3874, 8.4068)	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(26.2770, 13.3874,
8.4068)**

Conversions

Conversions Part 1

Format	Color
Hex	CC004E
RGB	204, 0, 78
RGB Percent	80%, 0%, 31%
CMY	0.2000, 0.9998, 0.6941
CMYK	0.00, 1.00, 0.62, 0.20
HSL	337°, 100%, 40%
HSV	337°, 100%, 80%
XYZ	26.2770, 13.3874, 8.4068
YIQ	69.8880, 96.5460, 67.5060

Conversions

Conversions Part 2

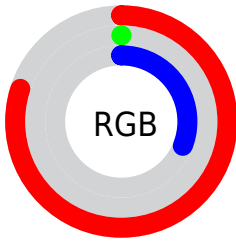
Format	Color
RYB	204, 0, 78
Decimal	13369422
CIELab	43.34, 69.94, 17.15
CIElCh	43, 72.014, 13.776
Yxy	13.3874, 0.5466, 0.2785
Android (android.graphics.Color)	4291559502 (0xFFCC004E)
YUV	69.8880, 3.9992, 117.6162
Hunter-Lab	36.5888, 64.1631, 11.9894

Details

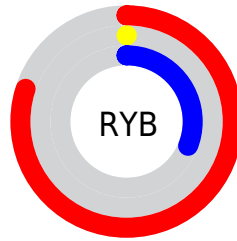
The XYZ color **26.2770, 13.3874, 8.4068** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **25.3616, 44.6932, 27.0416**, and the grayscale version is **5.7887, 6.0902, 6.6322**.

A 20% lighter version of the original color is **48.4790, 29.6087, 23.2386**, and **11.4587, 5.8721, 2.1196** is the 20% darker color. If you saturate the color by 10%, you get **26.2760, 13.3870, 8.4023**, and if you desaturate by 10%, it is **27.0309, 14.1018, 11.1051**.

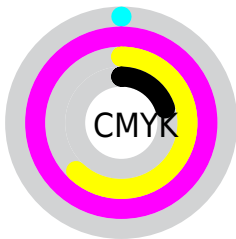
Distribution



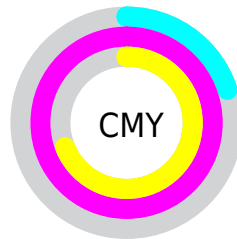
- Red (80%)
- Green (0%)
- Blue (31%)



- Red (80%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2770, 13.3874, 8.4068 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 26.2770, 13.3874, 8.4068 by changing the saturation by 10% instead.

 26.2770, 13.3874,
8.4068


 26.2770, 13.3874,
8.4068


276.3710,
213.3858, 188.9410


 17.1647, 7.6959,
4.2649


 53.1496, 31.9980,
23.3114


 10.4481, 3.9010,
1.7717


 71.6407, 45.6859,
34.9110


 5.7616, 1.6183,
0.4092

 93.9887, 62.8080,
49.8337

 2.7399, 0.3699,
0.0000

 120.5591, 83.7487,
68.4979

 1.0178, 0.0000,
0.0000

 151.7171,
108.8925, 91.3222

 0.0000, 0.0000,
0.0000

 187.8283,

138.6236, 118.7251

229.2578,
173.3266, 151.1252

■ 26.2770, 13.3874,
8.4068

■ 26.2770, 13.3874,
8.4068

■ 26.2760, 13.3870,
8.4023

■ 27.0309, 14.1018,
11.1051

■ 28.1476, 15.3955,
14.3740

■ 29.7244, 17.4568,
18.2671

■ 31.8152, 20.3869,
22.8219

■ 34.4655, 24.2711,
28.0722

■ 37.7159, 29.1846,
34.0491

■ 41.6028, 35.1950,
40.7813

■ 46.1597, 42.3639,
48.2961

■ 51.4177, 50.7485,
56.6191

Harmonies

Analogous

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



26.0848, 13.3874, 24.9779



26.2770, 13.3874, 8.4068



22.1689, 13.3874, 1.9683

Triad

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



26.2770, 13.3874, 8.4068



6.6431, 13.3874, 1.7337



9.9516, 13.3874, 68.6040

Complementary

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



26.2770, 13.3874, 8.4068



25.3616, 44.6932, 27.0416

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.



6.4349, 13.3874, 47.9246



26.2770, 13.3874, 8.4068



4.9432, 13.3874, 7.5574

Square

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



26.2770, 13.3874, 8.4068



10.3328, 13.3874, 0.3345



4.8802, 13.3874, 23.2035



15.4591, 13.3874, 69.5639

Rectangle

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



26.2770, 13.3874, 8.4068



18.0886, 13.3874, 0.7078



4.8802, 13.3874, 23.2035



8.5416, 13.3874, 63.2926

Sweetspot

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



26.2773, 13.3882, 8.4070



68.6134, 57.8415, 67.0559



19.4763, 8.7820, 57.7951



14.0733, 11.4286, 13.3049



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.



26.2773, 13.3882, 8.4070



43.4197, 22.1319, 13.4080



25.2252, 13.4839, 1.2742



11.3868, 11.2835, 12.5715



16.5807, 8.4429, 5.5107



0.8921, 0.4503, 0.4778

Inverse Universe

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



26.2773, 13.3882, 8.4070



43.4197, 22.1319, 13.4080



27.2621, 37.0849, 62.8478



11.3868, 11.2835, 12.5715



16.5807, 8.4429, 5.5107



0.8921, 0.4503, 0.4778

Previews

White Background



This preview shows how the XYZ color 26.2770, 13.3874, 8.4068 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 26.2770, 13.3874, 8.4068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

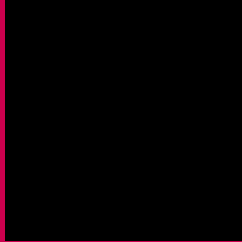
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.2770, 13.3874, 8.4068

Background



This preview shows how black text looks on a background with the XYZ color 26.2770, 13.3874, 8.4068.



This preview shows how white text looks on a background with the XYZ color 26.2770, 13.3874,

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

26.2770, 13.3874, 8.4068

Protanopia

13.6965, 14.0586, 17.9113

Deuteranopia

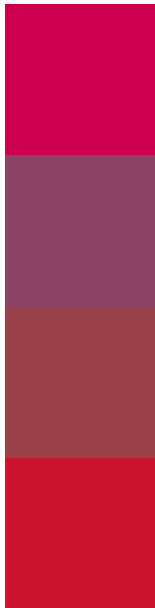
14.2355, 13.9796, 7.5783



Tritanopia

25.0689, 13.6252, 2.4711

Trichromacy



Original Color

26.2770, 13.3874, 8.4068

Protanomaly

15.1124, 10.4115, 13.5250

Deuteranomaly

16.3295, 11.0047, 7.3943

Tritanomaly

25.3918, 13.4021, 3.9379

Monochromacy



Original Color

26.2770, 13.3874, 8.4068

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.7487, 6.2797, 7.0016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2770, 13.3874, 8.4068 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(204, 0, 78)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 78)  
}
```

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(204, 0, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 78) }
```

Border

The CSS property to change the border of an element to XYZ 26.2770, 13.3874, 8.4068 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(204, 0, 78) }
```


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

```
.border{ border-color:rgb(204, 0, 78) }
```

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

Here you see how a box with a 4 pixel rgb(204, 0, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 78);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 78)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.2770, 13.3874, 8.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 78) }
```

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

```
.background{ background-color: rgb(204, 0,  
78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor