

Converting Colors

XYZ(26.3917, 13.4333, 9.0106)

Have a look what the booklet for
XYZ(26.3917, 13.4333, 9.0106)
contains.

XYZ(26.3870, 13.4315, 8.9864)	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(26.3870, 13.4315,
8.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0051
RGB	204, 0, 81
RGB Percent	80%, 0%, 32%
CMY	0.2000, 0.9998, 0.6824
CMYK	0.00, 1.00, 0.60, 0.20
HSL	336°, 100%, 40%
HSV	336°, 100%, 80%
XYZ	26.3870, 13.4315, 8.9864
YIQ	70.2300, 95.5830, 68.4390

Conversions

Conversions Part 2

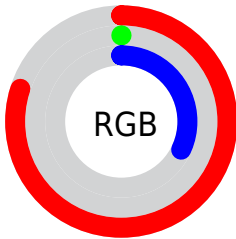
Format	Color
RYB	204, 0, 81
Decimal	13369425
CIELab	43.41, 70.12, 15.35
CIElCh	43, 71.776, 12.347
Yxy	13.4315, 0.5407, 0.2752
Android (android.graphics.Color)	4291559505 (0xFFCC0051)
YUV	70.2300, 5.3096, 117.3163
Hunter-Lab	36.6490, 64.3828, 11.1163

Details

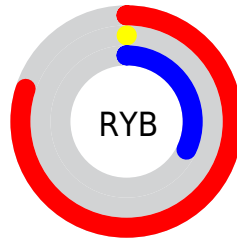
The XYZ color **26.3870, 13.4315, 8.9864** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **25.1712, 44.6168, 26.0387**, and the grayscale version is **5.8442, 6.1485, 6.6957**.

A 20% lighter version of the original color is **48.6775, 29.6881, 24.2839**, and **11.4893, 5.8844, 2.2805** is the 20% darker color. If you saturate the color by 10%, you get **26.3858, 13.4309, 8.9810**, and if you desaturate by 10%, it is **27.1489, 14.1491, 11.7266**.

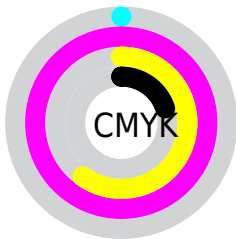
Distribution



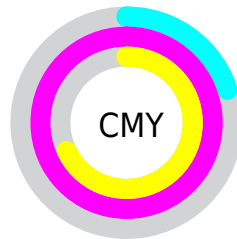
- Red (80%)
- Green (0%)
- Blue (32%)



- Red (80%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3870, 13.4315, 8.9864 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 26.3870, 13.4315, 8.9864 by changing the saturation by 10% instead.


 26.3870, 13.4315,
8.9864


 26.3870, 13.4315,
8.9864


276.8987,
213.6649, 193.4907


 17.2476, 7.7263,
4.6356


 53.3255, 32.0768,
24.4480


 10.5076, 3.9203,
1.9801


 71.8552, 45.7858,
36.3959

 5.8016, 1.6291,
0.5430

 94.2458, 62.9315,
51.7133

 2.7643, 0.3771,
0.0000

 120.8626, 83.8984,
70.8186

 1.0304, 0.0000,
0.0000

 152.0709,
109.0707, 94.1305

 0.0000, 0.0000,
0.0000

 188.2362,

138.8330, 122.0674

229.7236,
173.5696, 155.0480

■ 26.3870, 13.4315,
8.9864

■ 26.3870, 13.4315,
8.9864

■ 26.3858, 13.4309,
8.9810

■ 27.1489, 14.1491,
11.7266

■ 28.2703, 15.4449,
15.0195

■ 29.8480, 17.5068,
18.9170

■ 31.9357, 20.4358,
23.4547

■ 34.5786, 24.3173,
28.6650

■ 37.8169, 29.2262,
34.5775

■ 41.6868, 35.2300,
41.2197

■ 46.2217, 42.3904,
48.6176

■ 51.4523, 50.7643,
56.7956

Harmonies

Analogous

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



25.9718, 13.4315, 26.0702



26.3870, 13.4315, 8.9864



22.4578, 13.4315, 2.1522

Triad

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



26.3870, 13.4315, 8.9864



6.8143, 13.4315, 1.6384



9.7796, 13.4315, 67.8404

Complementary

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



26.3870, 13.4315, 8.9864



25.1712, 44.6168, 26.0387

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.



6.3622, 13.4315, 46.6495



26.3870, 13.4315, 8.9864



5.0256, 13.4315, 7.1419

Square

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



26.3870, 13.4315, 8.9864



10.6056, 13.4315, 0.3302



4.8887, 13.4315, 22.2330



15.2020, 13.4315, 69.9104

Rectangle

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



26.3870, 13.4315, 8.9864



18.4251, 13.4315, 0.7873



4.8887, 13.4315, 22.2330



8.4038, 13.4315, 62.2596

Sweetspot

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



26.3873, 13.4323, 8.9866



68.7520, 57.8969, 67.7856



18.9848, 8.5287, 57.7718



14.1058, 11.4415, 13.4757



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.



26.3873, 13.4323, 8.9866



43.5996, 22.2038, 14.3555



25.1599, 13.3534, 1.2527



11.3937, 11.2862, 12.6078



16.6507, 8.4709, 5.8794



0.8961, 0.4518, 0.4988

Inverse Universe

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



26.3873, 13.4323, 8.9866



43.5996, 22.2038, 14.3555



27.9579, 38.4765, 63.0794



11.3937, 11.2862, 12.6078



16.6507, 8.4709, 5.8794



0.8961, 0.4518, 0.4988

Previews

White Background



This preview shows how the XYZ color 26.3870, 13.4315, 8.9864 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 26.3870, 13.4315, 8.9864 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 26.3870, 13.4315, 8.9864

Background



This preview shows how black text looks on a background with the XYZ color 26.3870, 13.4315, 8.9864.



This preview shows how white text looks on a background with the XYZ color 26.3870, 13.4315,

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

26.3870, 13.4315, 8.9864

Protanopia

13.8138, 14.0922, 19.1315

Deuteranopia

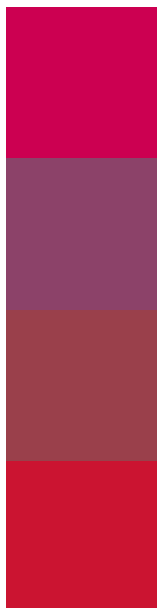
14.1843, 13.9422, 8.0744



Tritanopia

25.1210, 13.6885, 2.6144

Trichromacy



Original Color

26.3870, 13.4315, 8.9864

Protanomaly

15.3132, 10.4918, 14.5826

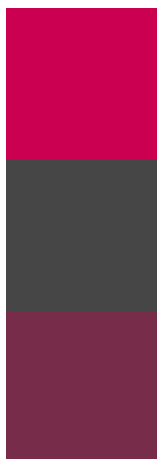
Deuteranomaly

16.4298, 11.0448, 7.9225

Tritanomaly

25.4331, 13.4186, 4.1553

Monochromacy



Original Color

26.3870, 13.4315, 8.9864

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.7822, 6.2931, 7.1777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3870, 13.4315, 8.9864 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, 81)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 81)  
}
```

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, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 81) }
```

Border

The CSS property to change the border of an element to XYZ 26.3870, 13.4315, 8.9864 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, 81) }
```


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

```
.border{ border-color:rgb(204, 0, 81) }
```

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, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 81);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 81)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.3870, 13.4315, 8.9864 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, 81) }
```

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

```
.background{ background-color: rgb(204, 0,  
81) }
```

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