

Converting Colors

XYZ(26.4101, 13.4407, 9.1076)

Have a look what the booklet for
XYZ(26.4101, 13.4407, 9.1076)
contains.

XYZ(26.4248, 13.4466, 9.1853)	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(26.4248, 13.4466,
9.1853)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0052
RGB	204, 0, 82
RGB Percent	80%, 0%, 32%
CMY	0.2000, 0.9998, 0.6784
CMYK	0.00, 1.00, 0.60, 0.20
HSL	336°, 100%, 40%
HSV	336°, 100%, 80%
XYZ	26.4248, 13.4466, 9.1853
YIQ	70.3440, 95.2620, 68.7500

Conversions

Conversions Part 2

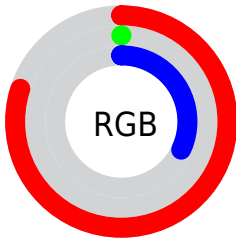
Format	Color
RYB	204, 0, 82
Decimal	13369426
CIELab	43.43, 70.18, 14.75
CIELCh	43, 71.708, 11.869
Yxy	13.4466, 0.5387, 0.2741
Android (android.graphics.Color)	4291559506 (0xFFCC0052)
YUV	70.3440, 5.7464, 117.2163
Hunter-Lab	36.6696, 64.4586, 10.8173

Details

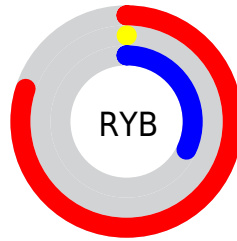
The XYZ color **26.4248, 13.4466, 9.1853** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **25.1088, 44.5919, 25.7102**, and the grayscale version is **5.8624, 6.1677, 6.7166**.

A 20% lighter version of the original color is **48.7449, 29.7151, 24.6392**, and **11.5052, 5.8907, 2.3644** is the 20% darker color. If you saturate the color by 10%, you get **26.4237, 13.4461, 9.1801**, and if you desaturate by 10%, it is **27.1892, 14.1652, 11.9385**.

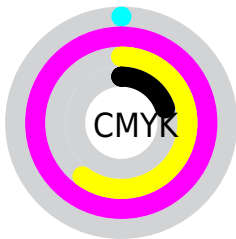
Distribution



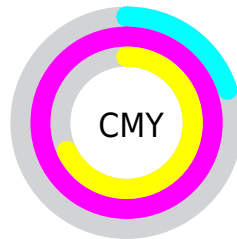
- Red (80%)
- Green (0%)
- Blue (32%)



- 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 26.4248, 13.4466, 9.1853 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 26.4248, 13.4466, 9.1853 by changing the saturation by 10% instead.


 26.4248, 13.4466,
9.1853


 26.4248, 13.4466,
9.1853


277.0798,
213.7604, 195.0229


 17.2761, 7.7368,
4.7638


 53.3859, 32.1038,
24.8348


 10.5280, 3.9270,
2.0530


 71.9290, 45.8200,
36.8999


 5.8154, 1.6328,
0.5876


 94.3342, 62.9738,
52.3499

 2.7727, 0.3796,
0.0000

 120.9669, 83.9496,
71.6034

 1.0347, 0.0000,
0.0000

 152.1924,
109.1317, 95.0789

 0.0000, 0.0000,
0.0000

 188.3762,

138.9046, 123.1950

229.8835,
173.6527, 156.3701

■ 26.4248, 13.4466,
9.1853

■ 26.4248, 13.4466,
9.1853

■ 26.4237, 13.4461,
9.1801

■ 27.1892, 14.1652,
11.9385

■ 28.3119, 15.4614,
15.2385

■ 29.8897, 17.5233,
19.1365

■ 31.9760, 20.4518,
23.6676

■ 34.6162, 24.3322,
28.8638

■ 37.8503, 29.2393,
34.7541

■ 41.7144, 35.2407,
41.3657

■ 46.2417, 42.3980,
48.7240

■ 51.4630, 50.7682,
56.8533

Harmonies

Analogous

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



25.9353, 13.4466, 26.4418



26.4248, 13.4466, 9.1853



22.5555, 13.4466, 2.2158

Triad

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



26.4248, 13.4466, 9.1853



6.8720, 13.4466, 1.6075



9.7229, 13.4466, 67.5910

Complementary

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



26.4248, 13.4466, 9.1853



25.1088, 44.5919, 25.7102

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.



6.3382, 13.4466, 46.2323



26.4248, 13.4466, 9.1853



5.0533, 13.4466, 7.0071

Square

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



26.4248, 13.4466, 9.1853



10.6978, 13.4466, 0.3287



4.8915, 13.4466, 21.9168



15.1176, 13.4466, 70.0297

Rectangle

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



26.4248, 13.4466, 9.1853



18.5387, 13.4466, 0.8138



4.8915, 13.4466, 21.9168



8.3584, 13.4466, 61.9213

Sweetspot

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



26.4251, 13.4474, 9.1855



68.7985, 57.9155, 68.0304



18.5097, 8.2838, 57.7497



14.1167, 11.4459, 13.5330



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.



26.4251, 13.4474, 9.1855



43.6615, 22.2286, 14.6816



25.1030, 13.2395, 1.2337



11.3960, 11.2871, 12.6199



16.6748, 8.4805, 6.0061



0.8975, 0.4524, 0.5059

Inverse Universe

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



26.4251, 13.4474, 9.1855



43.6615, 22.2286, 14.6816



28.6705, 39.9018, 63.3171



11.3960, 11.2871, 12.6199



16.6748, 8.4805, 6.0061



0.8975, 0.4524, 0.5059

Previews

White Background



This preview shows how the XYZ color 26.4248, 13.4466, 9.1853 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 26.4248, 13.4466, 9.1853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

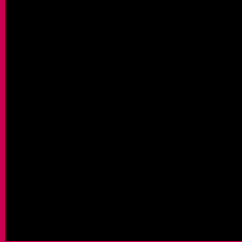
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.4248, 13.4466, 9.1853

Background



This preview shows how black text looks on a background with the XYZ color 26.4248, 13.4466, 9.1853.



This preview shows how white text looks on a background with the XYZ color 26.4248, 13.4466,

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

26.4248, 13.4466, 9.1853

Protanopia

13.8200, 14.0815, 19.7589

Deuteranopia

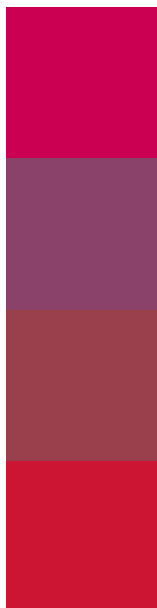
14.2172, 13.9554, 8.2477



Tritanopia

25.1483, 13.7432, 2.6236

Trichromacy



Original Color

26.4248, 13.4466, 9.1853

Protanomaly

15.1972, 10.4260, 14.8471

Deuteranomaly

16.4643, 11.0586, 8.1042

Tritanomaly

25.4725, 13.4631, 4.2737

Monochromacy



Original Color

26.4248, 13.4466, 9.1853

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 26.4248, 13.4466, 9.1853 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 82) }
```

Border

The CSS property to change the border of an element to XYZ 26.4248, 13.4466, 9.1853 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, 82) }
```


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

```
.border{ border-color:rgb(204, 0, 82) }
```

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, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 82);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 82)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.4248, 13.4466, 9.1853 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, 82) }
```

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

```
.background{ background-color: rgb(204, 0,  
82) }
```

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