

Converting Colors

XYZ(24.2731, 9.9231, 13.8387)

Have a look what the booklet for
XYZ(24.2731, 9.9231, 13.8387)
contains.

XYZ(25.7874, 13.0052, 14.2478)	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(25.7874, 13.0052,
14.2478)**

Conversions

Conversions Part 1

Format	Color
Hex	C60068
RGB	198, 0, 104
RGB Percent	78%, 0%, 41%
CMY	0.2235, 0.9999, 0.5922
CMYK	0.00, 1.00, 0.47, 0.22
HSL	328°, 100%, 39%
HSV	328°, 100%, 78%
XYZ	25.7874, 13.0052, 14.2478
YIQ	71.0580, 84.6240, 74.3200

Conversions

Conversions Part 2

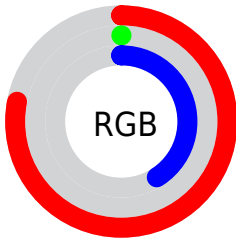
Format	Color
RYB	198, 0, 104
Decimal	12976232
CIELab	42.77, 70.36, -0.21
CIELCh	43, 70.365, 359.831
Yxy	13.0052, 0.4862, 0.2452
Android (android.graphics.Color)	4291166312 (0xFFC60068)
YUV	71.0580, 16.2404, 111.3281
Hunter-Lab	36.0627, 64.5304, 1.8194

Details

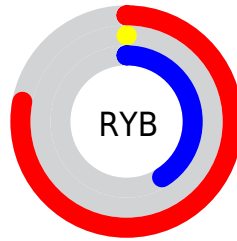
The XYZ color **25.7874, 13.0052, 14.2478** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22.2164, 41.1971, 17.3785**, and the grayscale version is **5.9655, 6.2761, 6.8347**.

A 20% lighter version of the original color is **50.5646, 30.4429, 34.2214**, and **11.2198, 5.6987, 4.3795** is the 20% darker color. If you saturate the color by 10%, you get **25.7866, 13.0049, 14.2436**, and if you desaturate by 10%, it is **26.5392, 13.7015, 16.9875**.

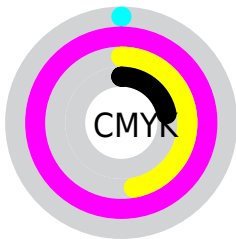
Distribution



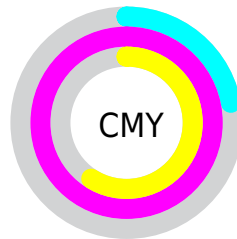
- Red (78%)
- Green (0%)
- Blue (41%)



- Red (78%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (22%)




- Cyan (22%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7874, 13.0052, 14.2478 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 25.7874, 13.0052, 14.2478 by changing the saturation by 10% instead.


 25.7874, 13.0052,
14.2478


 25.7874, 13.0052,
14.2478


274.0128,
210.9510, 230.2488


 16.7965, 7.4321,
8.1525


 52.3655, 31.3131,
34.2515


 10.1839, 3.7338,
4.1035


 70.6835, 44.8168,
48.9970


 5.5843, 1.5258,
1.6823

 92.8411, 61.7327,
67.4629

 2.6322, 0.3068,
0.3486

 119.2039, 82.4454,
90.0679

 0.9624, 0.0000,
0.0000

 150.1370,
107.3391, 117.2305

 0.0000, 0.0000,
0.0000

 186.0060,

136.7984, 149.3691

227.1761,
171.2076, 186.9023

■ 25.7874, 13.0052,
14.2478

■ 25.7874, 13.0052,
14.2478

■ 25.7866, 13.0049,
14.2436

■ 26.5392, 13.7015,
16.9875

■ 27.5980, 14.9239,
20.1004

■ 29.0539, 16.8500,
23.6245

■ 30.9545, 19.5727,
27.5830

■ 33.3403, 23.1705,
31.9967

■ 36.2468, 27.7123,
36.8845

■ 39.7062, 33.2602,
42.2638

■ 43.7479, 39.8710,
48.1509

■ 48.3991, 47.5970,
54.5612

Harmonies

Analogous

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



23.5759, 13.0052, 34.7613



25.7874, 13.0052, 14.2478



23.6227, 13.0052, 3.9714

Triad

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



25.7874, 13.0052, 14.2478



7.9126, 13.0052, 0.8880



7.8735, 13.0052, 58.0394

Complementary

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



25.7874, 13.0052, 14.2478



22.2164, 41.1971, 17.3785

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.



5.4056, 13.0052, 34.4873



25.7874, 13.0052, 14.2478



5.4232, 13.0052, 3.9071

Square

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



25.7874, 13.0052, 14.2478



12.3915, 13.0052, 0.2362



4.6569, 13.0052, 14.0735



12.3306, 13.0052, 68.8863

Rectangle

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



25.7874, 13.0052, 14.2478



20.2669, 13.0052, 1.4643



4.6569, 13.0052, 14.0735



6.8362, 13.0052, 50.7795

Sweetspot

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



25.7878, 13.0060, 14.2480



70.0036, 58.3975, 74.3765



14.6489, 6.3748, 53.8844



14.4005, 11.5594, 15.0277



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.



25.7878, 13.0060, 14.2480



45.5374, 22.9790, 24.5600



23.3254, 12.0210, 1.2814



10.8626, 10.7284, 12.2600



16.8132, 8.4749, 9.4922



0.8325, 0.4159, 0.6413

Inverse Universe

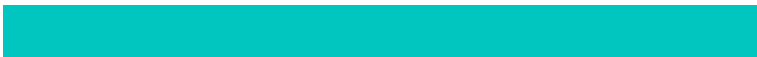
The Inverse Universe completely reimagines the original color for something new.



25.7878, 13.0060, 14.2480



45.5374, 22.9790, 24.5600



29.6427, 44.1676, 56.4848



10.8626, 10.7284, 12.2600



16.8132, 8.4749, 9.4922



0.8325, 0.4159, 0.6413

Previews

White Background



This preview shows how the XYZ color 25.7874, 13.0052, 14.2478 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 25.7874, 13.0052, 14.2478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

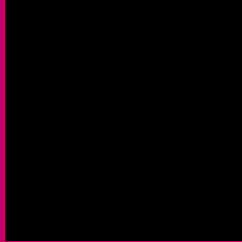
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.7874, 13.0052, 14.2478

Background



This preview shows how black text looks on a background with the XYZ color 25.7874, 13.0052, 14.2478.



This preview shows how white text looks on a background with the XYZ color 25.7874, 13.0052,

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

25.7874, 13.0052, 14.2478

Protanopia

14.2809, 13.7795, 30.7612

Deuteranopia

13.8710, 13.6719, 12.9742



Tritanopia

23.7165, 13.3551, 3.5183

Trichromacy



Original Color

25.7874, 13.0052, 14.2478

Protanomaly

15.0260, 10.0632, 23.3407

Deuteranomaly

15.9396, 10.6786, 13.0255

Tritanomaly

24.0885, 12.8562, 6.2129

Monochromacy



Original Color

25.7874, 13.0052, 14.2478

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.8358, 6.2832, 8.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7874, 13.0052, 14.2478 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(198, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 104)  
}
```

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(198, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 104) }
```

Border

The CSS property to change the border of an element to XYZ 25.7874, 13.0052, 14.2478 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(198, 0, 104) }
```


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

```
.border{ border-color:rgb(198, 0, 104) }
```

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

Here you see how a box with a 4 pixel rgb(198, 0, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(198, 0,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7874, 13.0052, 14.2478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 104) }
```

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

```
.background{ background-color: rgb(198, 0,  
104) }
```

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