

Converting Colors

XYZ(25.4650, 12.9825, 7.7490)

Have a look what the booklet for
XYZ(25.4650, 12.9825, 7.7490)
contains.

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Color

**XYZ(25.3574, 12.9255,
7.8150)**

Conversions

Conversions Part 1

Format	Color
Hex	C9004B
RGB	201, 0, 75
RGB Percent	79%, 0%, 29%
CMY	0.2118, 0.9998, 0.7059
CMYK	0.00, 1.00, 0.63, 0.21
HSL	338°, 100%, 39%
HSV	338°, 100%, 79%
XYZ	25.3574, 12.9255, 7.8150
YIQ	68.6490, 95.7210, 65.9370

Conversions

Conversions Part 2

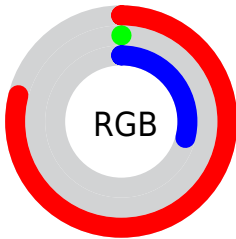
Format	Color
RYB	201, 0, 75
Decimal	13172811
CIELab	42.65, 69.07, 18.01
CIElCh	43, 71.382, 14.610
Yxy	12.9255, 0.5501, 0.2804
Android (android.graphics.Color)	4291362891 (0xFFC9004B)
YUV	68.6490, 3.1310, 116.0718
Hunter-Lab	35.9521, 62.9820, 12.2784

Details

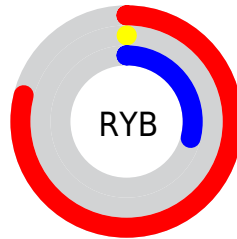
The XYZ color **25.3574, 12.9255, 7.8150** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **24.6554, 43.2807, 26.8062**, and the grayscale version is **5.5870, 5.8779, 6.4011**.

A 20% lighter version of the original color is **48.1429, 29.3456, 21.8658**, and **10.9082, 5.5933, 1.8712** is the 20% darker color. If you saturate the color by 10%, you get **25.3564, 12.9251, 7.8106**, and if you desaturate by 10%, it is **26.0849, 13.6207, 10.4007**.

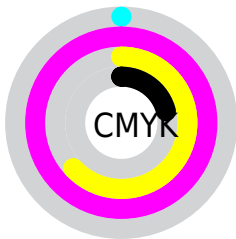
Distribution



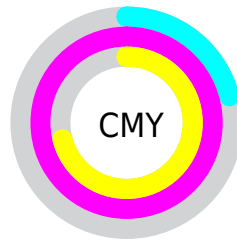
- Red (79%)
- Green (0%)
- Blue (29%)



- Red (79%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3574, 12.9255, 7.8150 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 25.3574, 12.9255, 7.8150 by changing the saturation by 10% instead.


 25.3574, 12.9255,
7.8150


 25.3574, 12.9255,
7.8150


271.9281,
210.4397, 184.1538


 16.4737, 7.3773,
3.8907


 51.6752, 31.1699,
22.1351


 9.9529, 3.6991,
1.5656


 69.8399, 44.6348,
33.3680

 5.4298, 1.5067,
0.2661

 91.8291, 61.5074,
47.8743

 2.5389, 0.2935,
0.0000

 118.0080, 82.1721,
66.0723

 0.9149, 0.0000,
0.0000

 148.7420,
107.0133, 88.3808

 0.0000, 0.0000,
0.0000

 184.3964,

136.4154, 115.2181

225.3367,
170.7627, 147.0029

■ 25.3574, 12.9255,
7.8150

■ 25.3574, 12.9255,
7.8150

■ 25.3564, 12.9251,
7.8106

■ 26.0849, 13.6207,
10.4007

■ 27.1643, 14.8753,
13.5482

■ 28.6908, 16.8727,
17.3106

■ 30.7161, 19.7104,
21.7252

■ 33.2846, 23.4709,
26.8254

■ 36.4355, 28.2265,
32.6422

■ 40.2040, 34.0424,
39.2042

■ 44.6226, 40.9783,
46.5384

■ 49.7214, 49.0894,
54.6703

Harmonies

Analogous

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



25.2981, 12.9255, 23.5572



25.3574, 12.9255, 7.8150



21.2827, 12.9255, 1.8046

Triad

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



25.3574, 12.9255, 7.8150



6.3304, 12.9255, 1.7327



9.7254, 12.9255, 66.8021

Complementary

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



25.3574, 12.9255, 7.8150



24.6554, 43.2807, 26.8062

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.



6.2663, 12.9255, 47.0950



25.3574, 12.9255, 7.8150



4.7354, 12.9255, 7.5535

Square

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



25.3574, 12.9255, 7.8150



9.8428, 12.9255, 0.3120



4.7161, 12.9255, 23.0096



15.1017, 12.9255, 67.0988

Rectangle

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



25.3574, 12.9255, 7.8150



17.3094, 12.9255, 0.6326



4.7161, 12.9255, 23.0096



8.3417, 12.9255, 61.8193

Sweetspot

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



25.3577, 12.9263, 7.8152



68.5269, 57.8069, 66.6004



18.8501, 8.5003, 55.9053



14.0531, 11.4205, 13.1983



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.



25.3577, 12.9263, 7.8152



43.3110, 22.0884, 12.8355



24.4036, 13.0497, 1.2338



10.7948, 10.7013, 11.9024



15.9842, 8.1432, 5.1267



0.7918, 0.3996, 0.4270

Inverse Universe

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



25.3577, 12.9263, 7.8152



43.3110, 22.0884, 12.8355



26.3749, 35.8809, 60.7937



10.7948, 10.7013, 11.9024



15.9842, 8.1432, 5.1267



0.7918, 0.3996, 0.4270

Previews

White Background



This preview shows how the XYZ color 25.3574, 12.9255, 7.8150 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

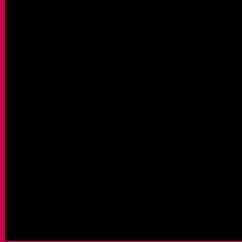
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.3574, 12.9255, 7.8150

Background



This preview shows how black text looks on a background with the XYZ color 25.3574, 12.9255, 7.8150.



This preview shows how white text looks on a background with the XYZ color 25.3574, 12.9255,

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

25.3574, 12.9255, 7.8150

Protanopia

13.1594, 13.5121, 16.6664

Deuteranopia

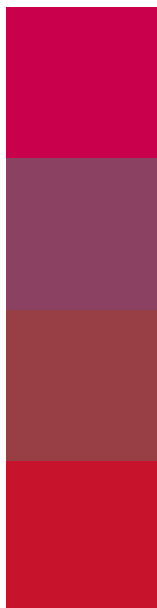
13.6632, 13.4138, 7.0232



Tritanopia

24.4933, 13.2917, 2.3732

Trichromacy



Original Color

25.3574, 12.9255, 7.8150

Protanomaly

14.6954, 10.1326, 12.4905

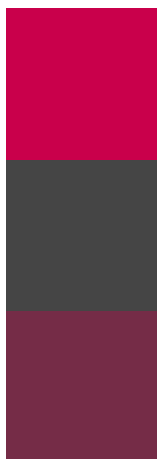
Deuteranomaly

15.7457, 10.5503, 6.8367

Tritanomaly

24.5259, 12.9346, 3.6866

Monochromacy



Original Color

25.3574, 12.9255, 7.8150

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

9.3741, 6.0382, 6.6327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3574, 12.9255, 7.8150 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(201, 0, 75)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 75)  
}
```

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(201, 0, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 75) }
```

Border

The CSS property to change the border of an element to XYZ 25.3574, 12.9255, 7.8150 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(201, 0, 75) }
```


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

```
.border{ border-color:rgb(201, 0, 75) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 75);  
box-shadow:4px 4px 4px 4px rgb(201, 0, 75)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.3574, 12.9255, 7.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 75) }
```

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

```
.background{ background-color: rgb(201, 0,  
75) }
```

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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