

Converting Colors

XYZ(25.3680, 13.0757, 7.4202)

Have a look what the booklet for
XYZ(25.3680, 13.0757, 7.4202)
contains.

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Color

**XYZ(25.3768, 13.0722,
7.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	C90849
RGB	201, 8, 73
RGB Percent	79%, 3%, 29%
CMY	0.2118, 0.9685, 0.7137
CMYK	0.00, 0.96, 0.64, 0.21
HSL	340°, 92%, 41%
HSV	340°, 96%, 79%
XYZ	25.3768, 13.0722, 7.4890
YIQ	73.1170, 94.1630, 61.1310

Conversions

Conversions Part 2

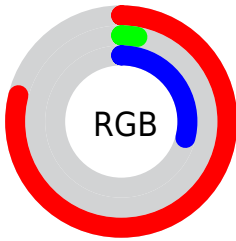
Format	Color
RYB	201, 8, 73
Decimal	13174857
CIELab	42.87, 68.20, 19.56
CIElCh	43, 70.952, 16.002
Yxy	13.0722, 0.5524, 0.2846
Android (android.graphics.Color)	4291364937 (0xFFC90849)
YUV	73.1170, -0.0577, 112.1534
Hunter-Lab	36.1555, 62.0134, 13.0279

Details

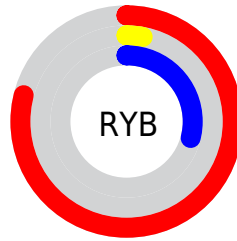
The XYZ color **25.3768, 13.0722, 7.4890** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **25.4339, 43.6036, 30.3831**, and the grayscale version is **6.3457, 6.6761, 7.2703**.

A 20% lighter version of the original color is **48.1809, 29.6199, 21.2670**, and **10.8818, 5.5827, 1.7323** is the 20% darker color. If you saturate the color by 10%, you get **25.1205, 12.8307, 6.5682**, and if you desaturate by 10%, it is **26.1990, 13.9319, 10.1830**.

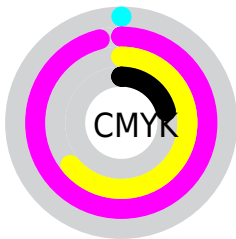
Distribution



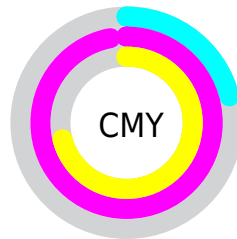
- Red (79%)
- Green (3%)
- Blue (29%)



- Red (79%)
- Yellow (3%)
- Blue (29%)



- Cyan (0%)
- Magenta (96%)
- Yellow (64%)
- Black (21%)





- Cyan (21%)
- Magenta (97%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3768, 13.0722, 7.4890 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 25.3768, 13.0722, 7.4890 by changing the saturation by 10% instead.


 25.3768, 13.0722,
7.4890


 25.3768, 13.0722,
7.4890


272.0224,
211.3799, 181.4495


 16.4882, 7.4783,
3.6867


 51.7063, 31.4334,
21.4798


 9.9633, 3.7630,
1.4551


 69.8780, 44.9695,
32.5054

 5.4367, 1.5419,
0.1841

 91.8748, 61.9218,
46.7758

 2.5431, 0.3179,
0.0000

 118.0620, 82.6747,
64.7096

 0.9170, 0.0000,
0.0000

 148.8050,
107.6125, 86.7253

 0.0000, 0.0000,
0.0000

 184.4692,

137.1198, 113.2415

225.4199,
171.5807, 144.6767

■ 25.3768, 13.0722,
7.4890

■ 25.3768, 13.0722,
7.4890

■ 25.1205, 12.8307,
6.5682

■ 26.1990, 13.9319,
10.1830

■ 27.4382, 15.4647,
13.5110

■ 29.1556, 17.7852,
17.5190

■ 31.4006, 20.9843,
22.2470

■ 34.2160, 25.1404,
27.7314

■ 37.6399, 30.3231,
34.0060

■ 41.7071, 36.5955,
41.1022

■ 46.4497, 44.0155,
49.0497

■ 51.8975, 52.6369,
57.8765

Harmonies

Analogous

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



25.5289, 13.0722, 22.7430



25.3768, 13.0722, 7.4890



21.1614, 13.0722, 1.7490

Triad

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



25.3768, 13.0722, 7.4890



6.3344, 13.0722, 1.9378



10.0704, 13.0722, 67.2793

Complementary

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



25.3768, 13.0722, 7.4890



25.4339, 43.6036, 30.3831

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.



6.5003, 13.0722, 48.3112



25.3768, 13.0722, 7.4890



4.8076, 13.0722, 8.1654

Square

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



25.3768, 13.0722, 7.4890



9.7675, 13.0722, 0.3995



4.8579, 13.0722, 24.1488



15.5249, 13.0722, 66.5214

Rectangle

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



25.3768, 13.0722, 7.4890



17.1638, 13.0722, 0.6361



4.8579, 13.0722, 24.1488



8.6497, 13.0722, 62.6207

Sweetspot

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



25.3771, 13.0730, 7.4892



68.9080, 58.7817, 66.0719



20.3761, 9.4159, 56.0015



14.1106, 11.5978, 13.0250



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.



25.3771, 13.0730, 7.4892



42.9135, 21.9294, 10.7426



24.7924, 13.7572, 1.5796



10.7787, 10.6949, 11.8180



15.8334, 8.0829, 4.3327



0.7836, 0.3963, 0.3836

Inverse Universe

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



25.3771, 13.0730, 7.4892



42.9135, 21.9294, 10.7426



25.4063, 33.7951, 60.4420



10.7787, 10.6949, 11.8180



15.8334, 8.0829, 4.3327



0.7836, 0.3963, 0.3836

Previews

White Background



This preview shows how the XYZ color 25.3768, 13.0722, 7.4890 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

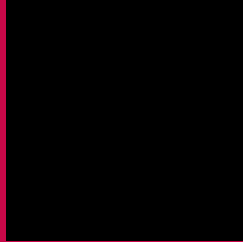
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.3768, 13.0722, 7.4890

Background



This preview shows how black text looks on a background with the XYZ color 25.3768, 13.0722, 7.4890.



This preview shows how white text looks on a background with the XYZ color 25.3768, 13.0722,

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

25.3768, 13.0722, 7.4890

Protanopia

13.2130, 13.7051, 15.8589

Deuteranopia

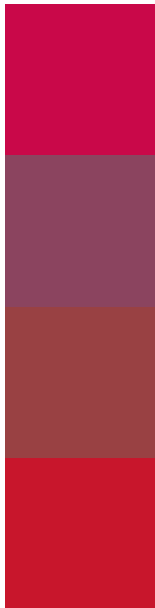
13.7505, 13.4655, 6.7249



Tritanopia

24.4933, 13.2917, 2.3732

Trichromacy



Original Color

25.3768, 13.0722, 7.4890

Protanomaly

14.7801, 10.4494, 12.0644

Deuteranomaly

16.0403, 10.9581, 6.5799

Tritanomaly

24.5609, 13.0350, 3.6044

Monochromacy



Original Color

25.3768, 13.0722, 7.4890

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

10.0466, 6.6707, 7.0614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3768, 13.0722, 7.4890 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, 8, 73)` looks like.

```
.text, #text, p{  
    color:rgb(201, 8, 73)  
}
```

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, 8, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 8, 73) }
```

Border

The CSS property to change the border of an element to XYZ 25.3768, 13.0722, 7.4890 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, 8, 73) }
```


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

```
.border{ border-color:rgb(201, 8, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 8, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 8, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 8, 73);  
box-shadow:4px 4px 4px 4px rgb(201, 8, 73)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.3768, 13.0722, 7.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 8, 73) }
```

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

```
.background{ background-color: rgb(201, 8,  
73) }
```

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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