

Converting Colors

XYZ(25.0938, 12.9142, 2.1763)

Have a look what the booklet for
XYZ(25.0938, 12.9142, 2.1763)
contains.

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Color

**XYZ(25.0883, 12.9120,
2.1472)**

Conversions

Conversions Part 1

Format	Color
Hex	CC001A
RGB	204, 0, 26
RGB Percent	80%, 0%, 10%
CMY	0.2000, 0.9998, 0.8980
CMYK	0.00, 1.00, 0.87, 0.20
HSL	352°, 100%, 40%
HSV	352°, 100%, 80%
XYZ	25.0883, 12.9120, 2.1472
YIQ	63.9600, 113.2380, 51.3340

Conversions

Conversions Part 2

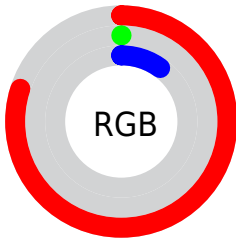
Format	Color
RYB	204, 0, 26
Decimal	13369370
CIELab	42.63, 68.02, 47.05
CIELCh	43, 82.708, 34.674
Yxy	12.9120, 0.6249, 0.3216
Android (android.graphics.Color)	4291559450 (0xFFCC001A)
YUV	63.9600, -18.7143, 122.8151
Hunter-Lab	35.9333, 61.7439, 21.6104

Details

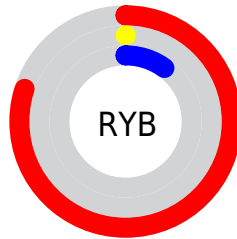
The XYZ color **25.0883, 12.9120, 2.1472** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **29.6337, 46.4018, 49.5379**, and the grayscale version is **4.8862, 5.1406, 5.5981**.

A 20% lighter version of the original color is **45.6582, 28.2249, 9.1724**, and **10.8152, 5.5754, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **25.0876, 12.9117, 2.1449**, and if you desaturate by 10%, it is **25.6107, 13.5338, 3.6260**.

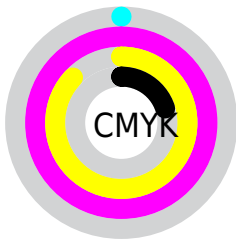
Distribution



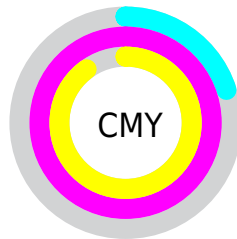
- Red (80%)
- Green (0%)
- Blue (10%)



- Red (80%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (87%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0883, 12.9120, 2.1472 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 25.0883, 12.9120, 2.1472 by changing the saturation by 10% instead.


 25.0883, 12.9120,
2.1472


 25.0883, 12.9120,
2.1472


270.6169,
210.3529, 124.6222


 16.2719, 7.3680,
0.6437


 51.2423, 31.1456,
9.4395


 9.8089, 3.6933,
0.0000


 69.3106, 44.6040,
16.0995


 5.3337, 1.5035,
0.0000

 91.1937, 61.4692,
25.3268

 2.4811, 0.2912,
0.0000

 117.2568, 82.1258,
37.5400


 0.8857, 0.0000,
0.0000


 147.8653,
106.9581, 53.1576


 0.0000, 0.0000,
0.0000


 183.3846,


136.3504, 72.5981


 224.1800,
170.6872, 96.2802


 25.0883, 12.9120,
2.1472


 25.0883, 12.9120,
2.1472


 25.0876, 12.9117,
2.1449

 25.6107, 13.5338,
3.6260

 26.5480, 14.7560,
5.9501

 28.0098, 16.7715,
9.2369

 30.0600, 19.6856,
13.5774

 32.7531, 23.5871,
19.0520

■ 36.1374, 28.5545,
25.7333

■ 40.2565, 34.6580,
33.6876

■ 45.1505, 41.9620,
42.9765

■ 50.8564, 50.5261,
53.6576

Harmonies

Analogous

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



28.6249, 12.9120, 11.4303



25.0883, 12.9120, 2.1472



18.1821, 12.9120, 0.0000

Triad

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



25.0883, 12.9120, 2.1472



4.2853, 12.9120, 3.8611



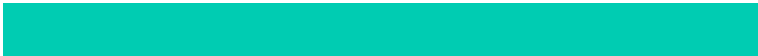
13.2807, 12.9120, 84.1231

Complementary

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



25.0883, 12.9120, 2.1472



29.6337, 46.4018, 49.5379

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.



7.8061, 12.9120, 74.0050



25.0883, 12.9120, 2.1472



3.7545, 12.9120, 17.0625

Square

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



25.0883, 12.9120, 2.1472



6.6146, 12.9120, 0.3832



4.7909, 12.9120, 44.2470



20.4829, 12.9120, 65.8180

Rectangle

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



25.0883, 12.9120, 2.1472



13.4253, 12.9120, 0.0000



4.7909, 12.9120, 44.2470



11.1876, 12.9120, 84.0103

Sweetspot

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



25.0886, 12.9128, 2.1474



66.3625, 56.9411, 55.2029



28.9867, 13.6849, 58.2399



13.5527, 11.2203, 10.5630



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.



25.0886, 12.9128, 2.1474



41.5069, 21.3667, 3.3353



27.4063, 17.8463, 2.0015



11.2695, 11.2365, 11.9536



15.8097, 8.1345, 1.4508



0.8352, 0.4275, 0.1783

Inverse Universe

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



25.0886, 12.9128, 2.1474



41.5069, 21.3667, 3.3353



18.7783, 20.1174, 60.0196



11.2695, 11.2365, 11.9536



15.8097, 8.1345, 1.4508



0.8352, 0.4275, 0.1783

Previews

White Background



This preview shows how the XYZ color 25.0883, 12.9120, 2.1472 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 25.0883, 12.9120, 2.1472

Background



This preview shows how black text looks on a background with the XYZ color 25.0883, 12.9120, 2.1472.



This preview shows how white text looks on a background with the XYZ color 25.0883, 12.9120,

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

25.0883, 12.9120, 2.1472

Protanopia

12.3941, 13.5348, 4.4419

Deuteranopia

13.5736, 13.4812, 1.8867



Tritanopia

24.8615, 13.1623, 1.2302

Trichromacy



Original Color

25.0883, 12.9120, 2.1472

Protanomaly

14.3307, 10.2394, 3.0548

Deuteranomaly

15.6766, 10.6331, 1.4846

Tritanomaly

24.8094, 12.9792, 1.4561

Monochromacy



Original Color

25.0883, 12.9120, 2.1472

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

8.4389, 5.4610, 3.6269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0883, 12.9120, 2.1472 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, 26)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 26)  
}
```

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, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 26) }
```

Border

The CSS property to change the border of an element to XYZ 25.0883, 12.9120, 2.1472 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, 26) }
```


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

```
.border{ border-color:rgb(204, 0, 26) }
```

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, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 26);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 26)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.0883, 12.9120, 2.1472 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, 26) }
```

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

```
.background{ background-color: rgb(204, 0,  
26) }
```

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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