

Converting Colors

XYZ(25.0966, 14.2560, 1.4290)

Have a look what the booklet for
XYZ(25.0966, 14.2560, 1.4290)
contains.

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Color

**XYZ(24.9881, 14.2189,
1.4275)**

Conversions

Conversions Part 1

Format	Color
Hex	C92C00
RGB	201, 44, 0
RGB Percent	79%, 17%, 0%
CMY	0.2118, 0.8274, 1.0000
CMYK	0.00, 0.78, 1.00, 0.21
HSL	13°, 100%, 39%
HSV	13°, 100%, 79%
XYZ	24.9881, 14.2189, 1.4275
YIQ	85.9270, 107.6960, 19.6000

Conversions

Conversions Part 2

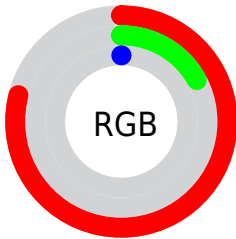
Format	Color
RYB	201, 56, 0
Decimal	13184000
CIELab	44.55, 59.34, 57.23
CIElCh	45, 82.438, 43.964
Yxy	14.2189, 0.6149, 0.3499
Android (android.graphics.Color)	4291374080 (0xFFC92C00)
YUV	85.9270, -42.3620, 100.9190
Hunter-Lab	37.7080, 52.2985, 24.1510

Details

The XYZ color **24.9881, 14.2189, 1.4275** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **22.5974, 28.3267, 59.5345**, and the grayscale version is **8.9022, 9.3658, 10.1994**.

A 20% lighter version of the original color is **46.7798, 31.2363, 7.1781**, and **10.3165, 5.3184, 0.4828** is the 20% darker color. If you saturate the color by 10%, you get **24.9883, 14.2197, 1.4276**, and if you desaturate by 10%, it is **25.8152, 15.6699, 2.3306**.

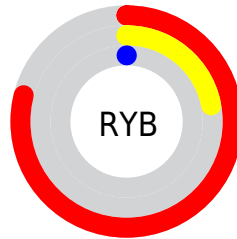
Distribution



Red (79%)

Green (17%)

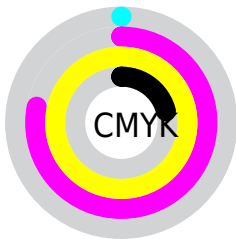
Blue (0%)



Red (79%)

Yellow (22%)

Blue (0%)

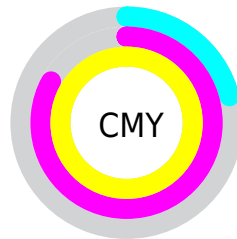


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (21%)



Cyan (21%)


Magenta (83%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9881, 14.2189, 1.4275 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 24.9881, 14.2189, 1.4275 by changing the saturation by 10% instead.


 24.9881, 14.2189,
1.4275

 24.9881, 14.2189,
1.4275


 270.1274,
218.5884, 112.7361


 16.1969, 8.2731,
0.1630


 51.0809, 33.4769,
7.4065


 9.7553, 4.2702,
0.0000


 69.1133, 47.5579,
13.1596

 5.2980, 1.8258,
0.0000

 90.9567, 65.1194,
21.3131

 2.4597, 0.5032,
0.0000

 116.9765, 86.5458,
32.2856

 0.8750, 0.0000,
0.0000


 147.5382,
112.2215, 46.4956


 0.0000, 0.0000,
0.0000


 183.0070,


142.5309, 64.3616


 223.7483,
177.8584, 86.3023


 24.9881, 14.2189,
1.4275


 24.9881, 14.2189,
1.4275


 24.9883, 14.2197,
1.4276

 25.8152, 15.6699,
2.3306

 27.0177, 17.6601,
4.0102

 28.6613, 20.2478,
6.7145

 30.7878, 23.4780,
10.5764

 33.4338, 27.3912,
15.7091

■ 36.6320, 32.0242,
22.2118

■ 40.4125, 37.4113,
30.1740

■ 44.8031, 43.5845,
39.6776

■ 49.8297, 50.5739,
50.7982

Harmonies

Analogous

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



30.1432, 14.2189, 8.2105



24.9881, 14.2189, 1.4275



17.3704, 14.2189, 0.0000

Triad

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



24.9881, 14.2189, 1.4275



4.5644, 14.2189, 7.3991



16.8467, 14.2189, 85.3270

Complementary

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



24.9881, 14.2189, 1.4275



22.5974, 28.3267, 59.5345

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.



10.2764, 14.2189, 84.2600



24.9881, 14.2189, 1.4275



4.5065, 14.2189, 26.1269

Square

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



24.9881, 14.2189, 1.4275



6.4309, 14.2189, 1.2445



6.2333, 14.2189, 57.4557



24.4978, 14.2189, 59.7340

Rectangle

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



24.9881, 14.2189, 1.4275



12.6485, 14.2189, 0.0000



6.2333, 14.2189, 57.4557



14.4194, 14.2189, 88.4731

Sweetspot

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



24.9884, 14.2198, 1.4277



68.8976, 63.6372, 51.0351



30.2115, 14.8672, 33.3773



14.1318, 12.7475, 9.6188



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.



24.9884, 14.2198, 1.4277



42.6463, 24.0725, 2.3988



34.0680, 32.3791, 4.4543



10.8191, 11.0073, 11.1171



15.7681, 9.0535, 0.9164



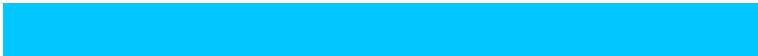
0.8020, 0.5394, 0.0618

Inverse Universe

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



22.5974, 28.3267, 59.5345



38.5111, 48.1421, 101.8704



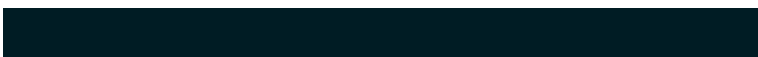
12.0033, 7.1384, 56.0031



10.7421, 11.6582, 13.6016



14.2783, 17.9506, 37.4566



0.7264, 0.9505, 1.7903

Previews

White Background



This preview shows how the XYZ color 24.9881, 14.2189, 1.4275 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 24.9881, 14.2189, 1.4275

Background



This preview shows how black text looks on a background with the XYZ color 24.9881, 14.2189, 1.4275.



This preview shows how white text looks on a background with the XYZ color 24.9881, 14.2189,

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

24.9881, 14.2189, 1.4275

Protanopia

13.1683, 14.5744, 2.9833

Deuteranopia

14.4852, 14.3757, 2.0113



Tritanopia

25.2806, 14.1635, 3.4992

Trichromacy



Original Color

24.9881, 14.2189, 1.4275

Protanomaly

15.6510, 12.7647, 2.0909

Deuteranomaly

16.9692, 13.0064, 1.6161

Tritanomaly

25.1018, 14.1480, 2.3851

Monochromacy



Original Color

24.9881, 14.2189, 1.4275

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

11.8449, 9.3715, 4.7990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9881, 14.2189, 1.4275 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, 44, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 44, 0)  
}
```

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, 44, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 44, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.9881, 14.2189, 1.4275 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, 44, 0) }
```


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

```
.border{ border-color:rgb(201, 44, 0) }
```

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

Here you see how a box with a 4 pixel rgb(201, 44, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 44, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 44, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 44, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.9881, 14.2189, 1.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 44, 0) }
```

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

```
.background{ background-color: rgb(201, 44,  
0) }
```

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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