

Converting Colors

XYZ(26.4976, 10.0464, 0.5645)

Have a look what the booklet for
XYZ(26.4976, 10.0464, 0.5645)
contains.

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Color

**XYZ(28.9189, 14.9076,
1.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	DA0001
RGB	218, 0, 1
RGB Percent	85%, 0%, 0%
CMY	0.1451, 0.9998, 0.9961
CMYK	0.00, 1.00, 1.00, 0.15
HSL	360°, 100%, 43%
HSV	360°, 100%, 85%
XYZ	28.9189, 14.9076, 1.3820
YIQ	65.2960, 129.6070, 46.5270

Conversions

Conversions Part 2

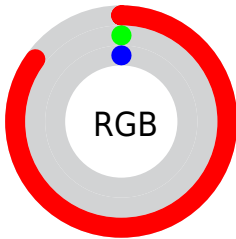
Format	Color
RYB	218, 0, 1
Decimal	14286849
CIELab	45.51, 71.17, 59.39
CIElCh	46, 92.701, 39.844
Yxy	14.9076, 0.6397, 0.3298
Android (android.graphics.Color)	4292476929 (0xFFDA0001)
YUV	65.2960, -31.6979, 133.9214
Hunter-Lab	38.6104, 66.1272, 24.9051

Details

The XYZ color **28.9189, 14.9076, 1.3820** 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 **37.6023, 55.1549, 74.3418**, and the grayscale version is **5.1071, 5.3730, 5.8512**.

A 20% lighter version of the original color is **45.4193, 28.5153, 6.7246**, and **12.9489, 6.6754, 0.6060** is the 20% darker color. If you saturate the color by 10%, you get **28.9184, 14.9074, 1.3806**, and if you desaturate by 10%, it is **29.3490, 15.5341, 2.2468**.

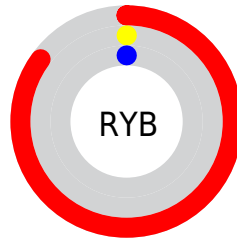
Distribution



Red (85%)

Green (0%)

Blue (0%)



Red (85%)

Yellow (0%)

Blue (0%)

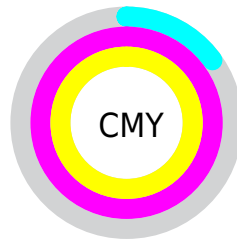


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9189, 14.9076, 1.3820 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 28.9189, 14.9076, 1.3820 by changing the saturation by 10% instead.


 28.9189, 14.9076,
1.3820

 28.9189, 14.9076,
1.3820


 288.8332,
222.8063, 111.8916


 19.1635, 8.7546,
0.1276


 57.3467, 34.6910,
7.2695

 11.8932, 4.5814,
0.0000


 76.7497, 49.0902,
12.9584

 6.7426, 2.0038,
0.0000

 100.0993, 67.0068,
21.0355

 3.3466, 0.6097,
0.0000

 127.7608, 88.8253,
31.9192

 1.3396, 0.0000,
0.0000

 160.0996,
114.9302, 46.0281

 0.2125, 0.0000,
0.0000


 197.4810,


 0.0000, 0.0000,


145.7057, 63.7808


0.0000


 240.2705,
181.5362, 85.5958


 28.9189, 14.9076,
1.3820

 28.9189, 14.9076,
1.3820


 28.9184, 14.9074,
1.3806

 29.3490, 15.5341,
2.2468

 30.2633, 16.8656,
4.0839

 31.8162, 19.1324,
7.1882

 34.0956, 22.4637,
11.7325

 37.1758, 26.9685,
17.8627

■ 41.1216, 32.7423,
25.7071

■ 45.9914, 39.8708,
35.3805

■ 51.8386, 48.4321,
46.9880

■ 58.7123, 58.4987,
60.6269

Harmonies

Analogous

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



34.4382, 14.9076, 9.9875



28.9189, 14.9076, 1.3820



19.9325, 14.9076, 0.0000

Triad

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



28.9189, 14.9076, 1.3820



4.2951, 14.9076, 5.5388



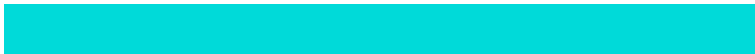
16.8654, 14.9076, 104.6655

Complementary

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



28.9189, 14.9076, 1.3820



37.6023, 55.1549, 74.3418

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.



9.6400, 14.9076, 97.9547



28.9189, 14.9076, 1.3820



3.9906, 14.9076, 24.6516

Square

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



28.9189, 14.9076, 1.3820



6.6204, 14.9076, 0.5094



5.5469, 14.9076, 61.6315



25.9849, 14.9076, 75.7572

Rectangle

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



28.9189, 14.9076, 1.3820



14.2096, 14.9076, 0.0000



5.5469, 14.9076, 61.6315



14.1289, 14.9076, 106.8514

Sweetspot

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



28.9192, 14.9086, 1.3822



65.3800, 56.5481, 50.0289



40.4940, 19.4144, 67.9421



13.3297, 11.1311, 9.3889



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.



28.9192, 14.9086, 1.3822



41.2461, 21.2624, 1.9621



34.0050, 25.0886, 3.0517



13.0584, 13.0524, 13.5687



17.3263, 8.9316, 0.8325



1.1233, 0.5790, 0.0583

Inverse Universe

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



28.9192, 14.9086, 1.3822



41.2461, 21.2624, 1.9621



18.5223, 16.7961, 68.5948



13.0584, 13.0524, 13.5687



17.3263, 8.9316, 0.8325



1.1233, 0.5790, 0.0583

Previews

White Background



This preview shows how the XYZ color 28.9189, 14.9076, 1.3820 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 28.9189, 14.9076, 1.3820

Background



This preview shows how black text looks on a background with the XYZ color 28.9189, 14.9076, 1.3820.



This preview shows how white text looks on a background with the XYZ color 28.9189, 14.9076,

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

28.9189, 14.9076, 1.3820

Protanopia

14.0977, 15.5208, 3.3514

Deuteranopia

15.5978, 15.3896, 2.1484

Trichromacy



Original Color

28.9189, 14.9076, 1.3820

Protanomaly

16.3999, 11.6931, 1.9649

Deuteranomaly

18.0967, 12.2213, 1.4051

Monochromacy



Original Color

28.9189, 14.9076, 1.3820

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

9.0960, 5.8180, 2.8341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9189, 14.9076, 1.3820 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(218, 0, 1)` looks like.

```
.text, #text, p{  
    color:rgb(218, 0, 1)  
}
```

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(218, 0, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 0, 1) }
```

Border

The CSS property to change the border of an element to XYZ 28.9189, 14.9076, 1.3820 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(218, 0, 1) }
```

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

```
.border{ border-color:rgb(218, 0, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 0, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(218, 0, 1); box-shadow:4px  
4px 4px 4px rgb(218, 0, 1) }
```


Background

The CSS property to change the background color of an element to XYZ 28.9189, 14.9076, 1.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 0, 1) }
```

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

```
.background{ background-color: rgb(218, 0,  
1) }
```

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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