

Converting Colors

XYZ(26.8285, 14.2019, 1.3272)

Have a look what the booklet for
XYZ(26.8285, 14.2019, 1.3272)
contains.

XYZ(26.8285, 14.2019, 1.3272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.8285, 14.2019,
1.3272)**

Conversions

Conversions Part 1

Format	Color
Hex	D21400
RGB	210, 20, 0
RGB Percent	82%, 8%, 0%
CMY	0.1765, 0.9215, 1.0000
CMYK	0.00, 0.90, 1.00, 0.18
HSL	6°, 100%, 41%
HSV	6°, 100%, 82%
XYZ	26.8285, 14.2019, 1.3272
YIQ	74.5300, 119.6600, 34.0600

Conversions

Conversions Part 2

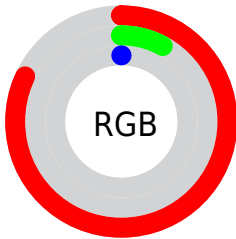
Format	Color
R_{YB}	210, 22, 0
Decimal	13767680
CIE Lab	44.52, 67.12, 58.32
CIE LCh	45, 88.916, 40.987
Yxy	14.2019, 0.6334, 0.3353
Android (android.graphics.Color)	4291957760 (0xFFD21400)
YUV	74.5300, -36.7433, 118.8072
Hunter-Lab	37.6854, 61.1259, 24.2917

Details

The XYZ color **26.8285, 14.2019, 1.3272** 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 **30.0404, 41.4682, 67.3932**, and the grayscale version is **6.6546, 7.0011, 7.6242**.

A 20% lighter version of the original color is **45.7330, 29.1806, 6.7121**, and **11.6771, 6.0197, 0.5465** is the 20% darker color. If you saturate the color by 10%, you get **26.8288, 14.2028, 1.3274**, and if you desaturate by 10%, it is **27.4398, 15.2083, 2.1987**.

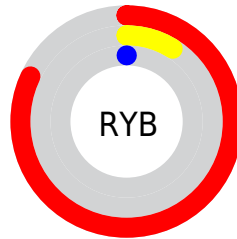
Distribution



Red (82%)

Green (8%)

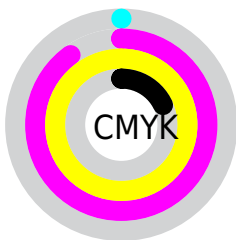
Blue (0%)



Red (82%)

Yellow (9%)

Blue (0%)

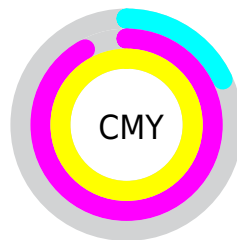


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (92%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8285, 14.2019, 1.3272 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 26.8285, 14.2019, 1.3272 by changing the saturation by 10% instead.

 26.8285, 14.2019,
1.3272


 26.8285, 14.2019,
1.3272


 279.0085,
218.4833, 110.8554


 17.5804, 8.2612,
0.0839


 54.0304, 33.4468,
7.1028


 10.7470, 4.2626,
0.0000


 72.7148, 47.5199,
12.7130

 5.9630, 1.8215,
0.0000


 95.2755, 65.0725,
20.6962

 2.8630, 0.5005,
0.0000

 122.0776, 86.4891,
31.4708

 1.0818, 0.0000,
0.0000

 153.4866,
112.1541, 45.4555

 0.0098, 0.0000,
0.0000


 189.8679,


 0.0000, 0.0000,


142.4519, 63.0688


0.0000


 231.5867,
177.7668, 84.7293


 26.8285, 14.2019,
1.3272


 26.8285, 14.2019,
1.3272


 26.8288, 14.2028,
1.3274

 27.4398, 15.2083,
2.1987

 28.5102, 16.8970,
3.9493

 30.1306, 19.3708,
6.8535

 32.3627, 22.7103,
11.0653

 35.2602, 26.9860,
16.7150

■ 38.8706, 32.2610,
23.9169

■ 43.2371, 38.5932,
32.7741

■ 48.3995, 46.0357,
43.3806

■ 54.3948, 54.6383,
55.8233

Harmonies

Analogous

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



32.0879, 14.2019, 9.0870



26.8285, 14.2019, 1.3272



18.5131, 14.2019, 0.0000

Triad

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



26.8285, 14.2019, 1.3272



4.2023, 14.2019, 5.8293



16.3036, 14.2019, 95.7821

Complementary

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



26.8285, 14.2019, 1.3272



30.0404, 41.4682, 67.3932

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.



9.4825, 14.2019, 91.0325



26.8285, 14.2019, 1.3272



3.9767, 14.2019, 24.2868

Square

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



26.8285, 14.2019, 1.3272



6.3185, 14.2019, 0.6740



5.5301, 14.2019, 58.5809



24.7262, 14.2019, 68.6132

Rectangle

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



26.8285, 14.2019, 1.3272



13.2622, 14.2019, 0.0000



5.5301, 14.2019, 58.5809



13.7375, 14.2019, 98.2264

Sweetspot

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



26.8288, 14.2028, 1.3274



66.8420, 59.5261, 50.3499



36.1480, 17.5295, 51.6381



13.6608, 11.8056, 9.4618



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.



26.8288, 14.2028, 1.3274



41.5732, 21.9265, 2.0411



33.5992, 27.7437, 3.5842



11.8981, 11.9869, 12.2987



16.3984, 8.7299, 0.8207



0.9487, 0.5518, 0.0565

Inverse Universe

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



30.0404, 41.4682, 67.3932



46.5370, 64.1939, 104.5457



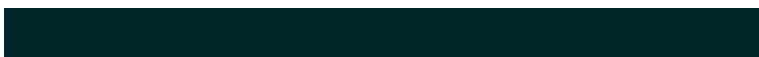
15.0816, 11.5507, 62.4070



12.0580, 13.2063, 15.1572



18.3647, 25.3761, 41.1226



1.0555, 1.4762, 2.3089

Previews

White Background



This preview shows how the XYZ color 26.8285, 14.2019, 1.3272 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



This preview shows how the XYZ color 26.8285, 14.2019, 1.3272 looks on a 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 26.8285, 14.2019, 1.3272

Background



This preview shows how black text looks on a background with the XYZ color 26.8285, 14.2019, 1.3272.



This preview shows how white text looks on a background with the XYZ color 26.8285, 14.2019,

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

26.8285, 14.2019, 1.3272

Protanopia

13.2013, 14.5876, 3.1568

Deuteranopia

14.6454, 14.4583, 2.0188



Tritanopia

26.8778, 14.2217, 1.5869

Trichromacy



Original Color

26.8285, 14.2019, 1.3272

Protanomaly

15.7541, 11.8449, 1.9863

Deuteranomaly

17.2177, 12.3161, 1.4698

Tritanomaly

26.8614, 14.2151, 1.5003

Monochromacy



Original Color

26.8285, 14.2019, 1.3272

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

10.2119, 7.2309, 3.6538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8285, 14.2019, 1.3272 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(210, 20, 0)` looks like.

```
.text, #text, p{  
    color:rgb(210, 20, 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(210, 20, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 20, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.8285, 14.2019, 1.3272 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(210, 20, 0) }
```


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

```
.border{ border-color:rgb(210, 20, 0) }
```

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

Here you see how a box with a 4 pixel rgb(210, 20, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 20, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 20, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 20, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.8285, 14.2019, 1.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 20, 0) }
```

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

```
.background{ background-color: rgb(210, 20,  
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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