

Converting Colors

XYZ(26.8384, 14.6011, 1.4038)

Have a look what the booklet for
XYZ(26.8384, 14.6011, 1.4038)
contains.

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Color

**XYZ(26.8110, 14.5883,
1.4027)**

Conversions

Conversions Part 1

Format	Color
Hex	D12000
RGB	209, 32, 0
RGB Percent	82%, 13%, 0%
CMY	0.1804, 0.8744, 1.0000
CMYK	0.00, 0.85, 1.00, 0.18
HSL	9°, 100%, 41%
HSV	9°, 100%, 82%
XYZ	26.8110, 14.5883, 1.4027
YIQ	81.2750, 115.7640, 27.5720

Conversions

Conversions Part 2

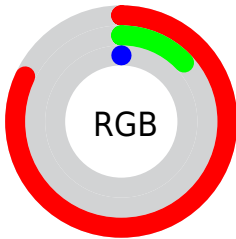
Format	Color
RYB	209, 38, 0
Decimal	13705216
CIELab	45.07, 64.70, 58.40
CIElCh	45, 87.161, 42.069
Yxy	14.5883, 0.6264, 0.3408
Android (android.graphics.Color)	4291895296 (0xFFD12000)
YUV	81.2750, -40.0686, 112.0148
Hunter-Lab	38.1946, 58.4588, 24.5588

Details

The XYZ color **26.8110, 14.5883, 1.4027** 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 **27.2270, 36.0403, 65.8426**, and the grayscale version is **7.9382, 8.3516, 9.0948**.

A 20% lighter version of the original color is **46.2043, 30.0852, 6.9862**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.8113, 14.5892, 1.4029**, and if you desaturate by 10%, it is **27.5572, 15.8660, 2.3147**.

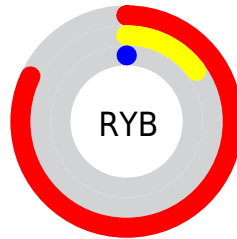
Distribution



Red (82%)

Green (13%)

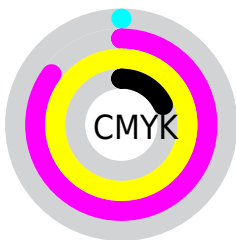
Blue (0%)



Red (82%)

Yellow (15%)

Blue (0%)

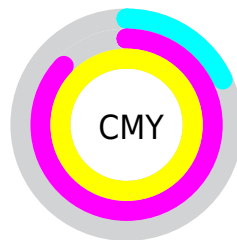


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (87%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8110, 14.5883, 1.4027 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 26.8110, 14.5883, 1.4027 by changing the saturation by 10% instead.


 26.8110, 14.5883,
1.4027


 26.8110, 14.5883,
1.4027


 278.9251,
220.8606, 112.2775

 17.5672, 8.5310,
0.1438


 54.0025, 34.1293,
7.3320


 10.7375, 4.4365,
0.0000


 72.6808, 48.3817,
13.0502


 5.9566, 1.9206,
0.0000


 95.2347, 66.1347,
21.1622

 2.8591, 0.5607,
0.0000

 122.0296, 87.7725,
32.0865

 1.0797, 0.0000,
0.0000

 153.4307,
113.6796, 46.2416


 0.0080, 0.0000,
0.0000


 189.8034,


 0.0000, 0.0000,


144.2404, 64.0462


0.0000


 231.5131,
179.8393, 85.9186


 26.8110, 14.5883,
1.4027

 26.8110, 14.5883,
1.4027


 26.8113, 14.5892,
1.4029

 27.5572, 15.8660,
2.3147

 28.7405, 17.7847,
4.0898

 30.4405, 20.4255,
6.9969

 32.7104, 23.8520,
11.1855

 35.5963, 28.1206,
16.7820

■ 39.1398, 33.2826,
23.8976

■ 43.3786, 39.3850,
32.6324

■ 48.3474, 46.4717,
43.0779

■ 54.0788, 54.5836,
55.3188

Harmonies

Analogous

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



32.1689, 14.5883, 8.9812



26.8110, 14.5883, 1.4027



18.5538, 14.5883, 0.0000

Triad

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



26.8110, 14.5883, 1.4027



4.4555, 14.5883, 6.5711



16.9498, 14.5883, 94.1215

Complementary

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



26.8110, 14.5883, 1.4027



27.2270, 36.0403, 65.8426

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.



10.0425, 14.5883, 90.7431



26.8110, 14.5883, 1.4027



4.2866, 14.5883, 25.6425

Square

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



26.8110, 14.5883, 1.4027



6.5327, 14.5883, 0.9085



5.9479, 14.5883, 59.6888



25.2943, 14.5883, 66.8539

Rectangle

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



26.8110, 14.5883, 1.4027



13.3744, 14.5883, 0.0000



5.9479, 14.5883, 59.6888



14.3689, 14.5883, 96.9197

Sweetspot

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



26.8113, 14.5892, 1.4029



67.7872, 61.4166, 50.6650



34.2950, 16.7555, 43.3618



13.8767, 12.2373, 9.5337



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.



26.8113, 14.5892, 1.4029



41.9677, 22.7153, 2.1726



35.0773, 31.1212, 4.1582



11.9529, 12.0964, 12.3169



16.5770, 9.0870, 0.8803



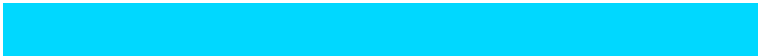
0.9743, 0.6030, 0.0650

Inverse Universe

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



27.2270, 36.0403, 65.8426



42.5892, 56.2984, 103.2297



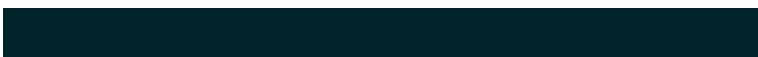
13.9010, 9.3882, 61.4006



11.9977, 13.0856, 15.1371



16.8460, 22.3386, 40.6164



0.9846, 1.3344, 2.2852

Previews

White Background



This preview shows how the XYZ color 26.8110, 14.5883, 1.4027 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 26.8110, 14.5883, 1.4027 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 26.8110, 14.5883, 1.4027

Background



This preview shows how black text looks on a background with the XYZ color 26.8110, 14.5883, 1.4027.



This preview shows how white text looks on a background with the XYZ color 26.8110, 14.5883,

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

26.8110, 14.5883, 1.4027

Protanopia

13.4342, 14.8647, 3.1384

Deuteranopia

14.9047, 14.7370, 2.0590



Tritanopia

26.9566, 14.5630, 2.4271

Trichromacy



Original Color

26.8110, 14.5883, 1.4027

Protanomaly

16.1067, 12.5501, 2.1038

Deuteranomaly

17.7581, 13.0943, 1.5915

Tritanomaly

26.8857, 14.5758, 1.9267

Monochromacy



Original Color

26.8110, 14.5883, 1.4027

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

11.2994, 8.3921, 4.2731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8110, 14.5883, 1.4027 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(209, 32, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 32, 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(209, 32, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 32, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.8110, 14.5883, 1.4027 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(209, 32, 0) }
```


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

```
.border{ border-color:rgb(209, 32, 0) }
```

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

Here you see how a box with a 4 pixel rgb(209, 32, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 32, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 32, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 32, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.8110, 14.5883, 1.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 32, 0) }
```

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

```
.background{ background-color: rgb(209, 32,  
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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