

Converting Colors

XYZ(26.3293, 13.5725, 1.2659)

Have a look what the booklet for
XYZ(26.3293, 13.5725, 1.2659)
contains.

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Color

**XYZ(26.3000, 13.5575,
1.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	D10001
RGB	209, 0, 1
RGB Percent	82%, 0%, 0%
CMY	0.1804, 0.9998, 0.9961
CMYK	0.00, 1.00, 1.00, 0.18
HSL	360°, 100%, 41%
HSV	360°, 100%, 82%
XYZ	26.3000, 13.5575, 1.2594
YIQ	62.6050, 124.2430, 44.6190

Conversions

Conversions Part 2

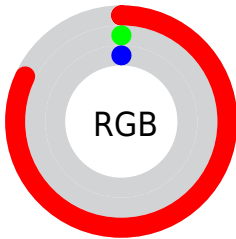
Format	Color
RYB	209, 0, 1
Decimal	13697025
CIELab	43.59, 68.96, 57.51
CIELCh	44, 89.795, 39.829
Yxy	13.5575, 0.6396, 0.3297
Android (android.graphics.Color)	4291887105 (0xFFD10001)
YUV	62.6050, -30.3713, 128.3884
Hunter-Lab	36.8205, 63.0623, 23.7464

Details

The XYZ color **26.3000, 13.5575, 1.2594** 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 **34.1914, 50.1571, 67.5818**, and the grayscale version is **4.7005, 4.9453, 5.3855**.

A 20% lighter version of the original color is **45.2336, 28.1819, 6.5456**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.2996, 13.5573, 1.2581**, and if you desaturate by 10%, it is **26.7044, 14.1467, 2.0723**.

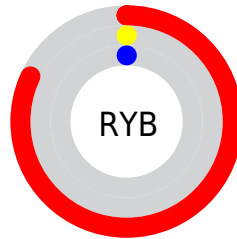
Distribution



Red (82%)

Green (0%)

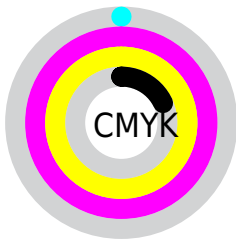
Blue (0%)



Red (82%)

Yellow (0%)

Blue (0%)

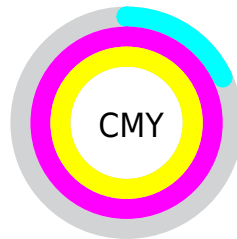


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3000, 13.5575, 1.2594 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 26.3000, 13.5575, 1.2594 by changing the saturation by 10% instead.

 26.3000, 13.5575,
1.2594


 26.3000, 13.5575,
1.2594


 276.4814,
214.4604, 109.5424


 17.1821, 7.8136,
0.0282


 53.1864, 32.3018,
6.8938


 10.4605, 3.9759,
0.0000


 71.6855, 46.0709,
12.4044


 5.7699, 1.6601,
0.0000

 94.0425, 63.2839,
20.2686

 2.7450, 0.3976,
0.0000

 120.6226, 84.3251,
30.9049


 1.0204, 0.0000,
0.0000


 151.7912,
109.5790, 44.7318


 0.0000, 0.0000,
0.0000


 187.9136,


139.4299, 62.1681


 229.3552,
174.2622, 83.6321


 26.3000, 13.5575,
1.2594


 26.3000, 13.5575,
1.2594


 26.2996, 13.5573,
1.2581

 26.7044, 14.1467,
2.0723

 27.5457, 15.3717,
3.7633

 28.9665, 17.4455,
6.6040

 31.0459, 20.4843,
10.7499

 33.8505, 24.5862,
16.3320

■ 37.4390, 29.8371,
23.4659

■ 41.8639, 36.3143,
32.2550

■ 47.1731, 44.0883,
42.7941

■ 53.4113, 53.2244,
55.1706

Harmonies

Analogous

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



31.3153, 13.5575, 9.0914



26.3000, 13.5575, 1.2594



18.1303, 13.5575, 0.0000

Triad

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



26.3000, 13.5575, 1.2594



3.9079, 13.5575, 5.0338



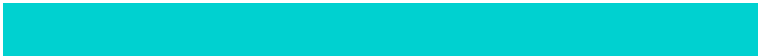
15.3335, 13.5575, 95.1643

Complementary

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



26.3000, 13.5575, 1.2594



34.1914, 50.1571, 67.5818

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.



8.7652, 13.5575, 89.0459



26.3000, 13.5575, 1.2594



3.6302, 13.5575, 22.4038

Square

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



26.3000, 13.5575, 1.2594



6.0236, 13.5575, 0.4334



5.0445, 13.5575, 56.0177



23.6247, 13.5575, 68.8970

Rectangle

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



26.3000, 13.5575, 1.2594



12.9263, 13.5575, 0.0000



5.0445, 13.5575, 56.0177



12.8457, 13.5575, 97.1452

Sweetspot

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



26.3003, 13.5584, 1.2596



65.3816, 56.5487, 50.0373



36.8287, 17.6571, 61.7883



13.3300, 11.1313, 9.3908



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.



26.3003, 13.5584, 1.2596



41.2464, 21.2626, 1.9637



30.9521, 22.8703, 2.7843



11.8109, 11.8091, 12.2802



16.2166, 8.3595, 0.7809



0.9075, 0.4677, 0.0478

Inverse Universe

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



26.3003, 13.5584, 1.2596



41.2464, 21.2626, 1.9637



16.8721, 15.3298, 62.3909



11.8109, 11.8091, 12.2802



16.2166, 8.3595, 0.7809



0.9075, 0.4677, 0.0478

Previews

White Background



This preview shows how the XYZ color 26.3000, 13.5575, 1.2594 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 26.3000, 13.5575, 1.2594

Background



This preview shows how black text looks on a background with the XYZ color 26.3000, 13.5575, 1.2594.



This preview shows how white text looks on a background with the XYZ color 26.3000, 13.5575,

1.2594.

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

26.3000, 13.5575, 1.2594

Protanopia

12.8231, 14.2388, 3.1094

Deuteranopia

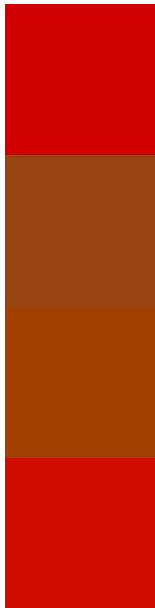
14.2300, 14.1009, 1.9717



Tritanopia

25.9650, 13.7311, 1.2819

Trichromacy



Original Color

26.3000, 13.5575, 1.2594

Protanomaly

14.8788, 10.6373, 1.8413

Deuteranomaly

16.5313, 11.2439, 1.2990

Tritanomaly

26.1439, 13.6728, 1.2612

Monochromacy



Original Color

26.3000, 13.5575, 1.2594

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

8.3443, 5.3838, 2.6069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3000, 13.5575, 1.2594 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, 0, 1)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 0, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 1) }
```

Border

The CSS property to change the border of an element to XYZ 26.3000, 13.5575, 1.2594 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, 0, 1) }
```


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

```
.border{ border-color:rgb(209, 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(209, 0, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(209, 0, 1); box-shadow:4px  
4px 4px 4px rgb(209, 0, 1) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3000, 13.5575, 1.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 1) }
```

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

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