

Converting Colors

XYZ(28.9157, 14.9071, 1.3542)

Have a look what the booklet for
XYZ(28.9157, 14.9071, 1.3542)
contains.

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Color

**XYZ(28.9134, 14.9054,
1.3531)**

Conversions

Conversions Part 1

Format	Color
Hex	DA0000
RGB	218, 0, 0
RGB Percent	85%, 0%, 0%
CMY	0.1451, 0.9998, 1.0000
CMYK	0.00, 1.00, 1.00, 0.15
HSL	0°, 100%, 43%
HSV	0°, 100%, 85%
XYZ	28.9134, 14.9054, 1.3531
YIQ	65.1820, 129.9280, 46.2160

Conversions

Conversions Part 2

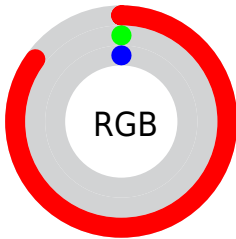
Format	Color
RYB	218, 0, 0
Decimal	14286848
CIELab	45.50, 71.17, 59.72
CIElCh	46, 92.902, 40.000
Yxy	14.9054, 0.6401, 0.3300
Android (android.graphics.Color)	4292476928 (0xFFDA0000)
YUV	65.1820, -32.1347, 134.0214
Hunter-Lab	38.6075, 66.1166, 24.9473

Details

The XYZ color **28.9134, 14.9054, 1.3531** 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 **37.7131, 55.1785, 74.9919**, and the grayscale version is **5.0901, 5.3552, 5.8318**.

A 20% lighter version of the original color is **45.3956, 28.5058, 6.5996**, and **12.9489, 6.6754, 0.6060** is the 20% darker color. If you saturate the color by 10%, you get **28.9137, 14.9064, 1.3533**, and if you desaturate by 10%, it is **29.3400, 15.5303, 2.2002**.

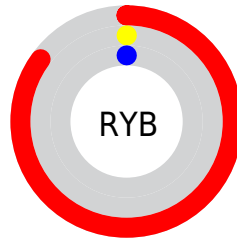
Distribution



Red (85%)

Green (0%)

Blue (0%)



Red (85%)

Yellow (0%)

Blue (0%)

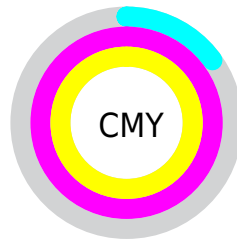


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9134, 14.9054, 1.3531 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 28.9134, 14.9054, 1.3531 by changing the saturation by 10% instead.


 28.9134, 14.9054,
1.3531


 28.9134, 14.9054,
1.3531


 288.8077,
222.7929, 111.3478


 19.1593, 8.7530,
0.1047


 57.3380, 34.6871,
7.1819

 11.8901, 4.5804,
0.0000


 76.7391, 49.0853,
12.8294

 6.7406, 2.0033,
0.0000


 100.0867, 67.0008,
20.8572

 3.3453, 0.6094,
0.0000

 127.7460, 88.8181,
31.6837

 1.3389, 0.0000,
0.0000

 160.0824,
114.9216, 45.7275


 0.2120, 0.0000,
0.0000


 197.4612,


 0.0000, 0.0000,


145.6956, 63.4071


0.0000


 240.2479,
181.5246, 85.1410


 28.9134, 14.9054,
1.3531


 28.9134, 14.9054,
1.3531


 28.9137, 14.9064,
1.3533

 29.3400, 15.5303,
2.2002

 30.2476, 16.8588,
4.0035

 31.7943, 19.1223,
7.0772

 34.0684, 22.4503,
11.5974

 37.1447, 26.9519,
17.7124

■ 41.0884, 32.7227,
25.5521

■ 45.9581, 39.8484,
35.2331

■ 51.8074, 48.4074,
46.8618

■ 58.6857, 58.4719,
60.5367

Harmonies

Analogous

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



34.4791, 14.9054, 9.8920



28.9134, 14.9054, 1.3531



19.8960, 14.9054, 0.0000

Triad

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



28.9134, 14.9054, 1.3531



4.2743, 14.9054, 5.5754



16.9141, 14.9054, 104.9023

Complementary

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



28.9134, 14.9054, 1.3531



37.7131, 55.1785, 74.9919

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.



9.6593, 14.9054, 98.3658



28.9134, 14.9054, 1.3531



3.9791, 14.9054, 24.8207

Square

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



28.9134, 14.9054, 1.3531



6.5880, 14.9054, 0.5096



5.5465, 14.9054, 61.9866



26.0593, 14.9054, 75.7399

Rectangle

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



28.9134, 14.9054, 1.3531



14.1671, 14.9054, 0.0000



5.5465, 14.9054, 61.9866



14.1672, 14.9054, 107.1672

Sweetspot

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



28.9137, 14.9064, 1.3533



65.3497, 56.5416, 49.8525



41.5679, 19.9672, 67.9922



13.3229, 11.1296, 9.3491



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.



28.9137, 14.9064, 1.3533



41.2406, 21.2613, 1.9302



34.3818, 25.8425, 3.1760



13.0563, 13.0520, 13.5567



17.3226, 8.9308, 0.8108



1.1223, 0.5787, 0.0526

Inverse Universe

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



37.7131, 55.1785, 74.9919



53.7915, 78.7029, 106.9638



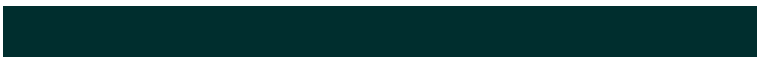
18.1234, 15.9991, 68.4620



13.4447, 14.8291, 16.8058



22.5944, 33.0582, 44.9284



1.4639, 2.1418, 2.9107

Previews

White Background



This preview shows how the XYZ color 28.9134, 14.9054, 1.3531 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 28.9134, 14.9054, 1.3531

Background



This preview shows how black text looks on a background with the XYZ color 28.9134, 14.9054, 1.3531.



This preview shows how white text looks on a background with the XYZ color 28.9134, 14.9054,

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

28.9134, 14.9054, 1.3531

Protanopia

14.0977, 15.5208, 3.3514

Deuteranopia

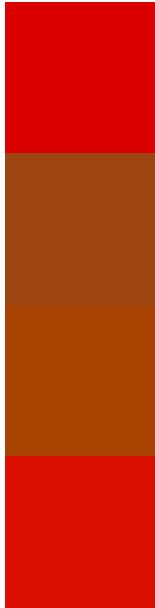
15.5978, 15.3896, 2.1484



Tritanopia

28.5691, 15.0992, 1.4087

Trichromacy



Original Color

28.9134, 14.9054, 1.3531

Protanomaly

16.3999, 11.6931, 1.9649

Deuteranomaly

18.0967, 12.2213, 1.4051

Tritanomaly

28.7592, 15.0396, 1.3871

Monochromacy



Original Color

28.9134, 14.9054, 1.3531

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

9.0783, 5.8109, 2.7410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9134, 14.9054, 1.3531 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(218, 0, 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(218, 0, 0) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 28.9134, 14.9054, 1.3531 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, 0) }
```


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

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

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, 0)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 28.9134, 14.9054, 1.3531 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, 0) }
```

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

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