

Converting Colors

XYZ(14.9569, 11.3574, 5.4069)

Have a look what the booklet for
XYZ(14.9569, 11.3574, 5.4069)
contains.

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Color

**XYZ(14.9569, 11.3574,
5.4069)**

Conversions

Conversions Part 1

Format	Color
Hex	914B3A
RGB	145, 75, 58
RGB Percent	57%, 29%, 23%
CMY	0.4314, 0.7059, 0.7725
CMYK	0.00, 0.48, 0.60, 0.43
HSL	12°, 43%, 40%
HSV	12°, 60%, 57%
XYZ	14.9569, 11.3574, 5.4069
YIQ	93.9920, 47.1770, 9.5530

Conversions

Conversions Part 2

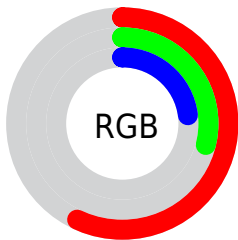
Format	Color
R_{YB}	145, 79, 58
Decimal	9521978
CIE Lab	40.18, 27.80, 23.34
CIE LCh	40, 36.304, 40.015
Yxy	11.3574, 0.4715, 0.3580
Android (android.graphics.Color)	4287712058 (0xFF914B3A)
YUV	93.9920, -17.7441, 44.7340
Hunter-Lab	33.7007, 20.2447, 14.0781

Details

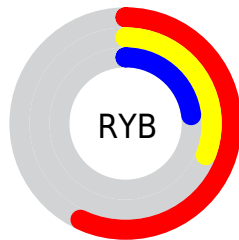
The XYZ color **14.9569, 11.3574, 5.4069** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **14.5745, 18.3813, 29.5678**, and the grayscale version is **10.6706, 11.2263, 12.2254**.

A 20% lighter version of the original color is **34.2405, 28.2437, 17.0115**, and **4.7179, 3.0387, 0.7898** is the 20% darker color. If you saturate the color by 10%, you get **13.9186, 9.7905, 3.4901**, and if you desaturate by 10%, it is **16.2447, 13.2573, 7.9197**.

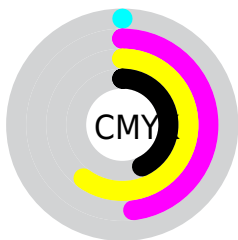
Distribution



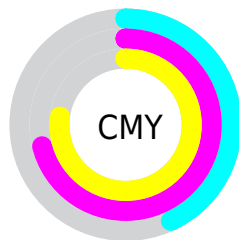
- Red (57%)
- Green (29%)
- Blue (23%)



- Red (57%)
- Yellow (31%)
- Blue (23%)



- Cyan (0%)
- Magenta (48%)
- Yellow (60%)
- Black (43%)





- Cyan (43%)
- Magenta (71%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9569, 11.3574, 5.4069 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 14.9569, 11.3574, 5.4069 by changing the saturation by 10% instead.


 14.9569, 11.3574,
5.4069


 14.9569, 11.3574,
5.4069


216.4988,
200.1034, 162.7725


 8.8753, 6.3078,
2.4250


 34.3498, 28.3192,
17.1428


 4.7164, 3.0331,
0.8000

 48.3918, 41.0001,
26.7338


 2.1149, 1.1490,
0.0000

 65.8180, 56.9936,
39.3651

 0.6973, 0.0195,
0.0000

 86.9937, 76.6841,
55.4550

 0.0000, 0.0000,
0.0000

 112.2842,
100.4559, 75.4222

 142.0550,

128.6935, 99.6851

176.6714,
161.7812, 128.6623

■ 14.9569, 11.3574,
5.4069

■ 14.9569, 11.3574,
5.4069

■ 13.9186, 9.7905,
3.4901

■ 16.2447, 13.2573,
7.9197

■ 13.1122, 8.5353,
2.1188

■ 17.7966, 15.5064,
11.0721

■ 12.5188, 7.5708,
1.2350

■ 19.6269, 18.1216,
14.9044

■ 12.1004, 6.8665,
0.6876

■ 21.7484, 21.1186,
19.4533

■ 12.1004, 6.8664,
0.6876

■ 24.1735, 24.5118,
24.7530

■ 26.9135, 28.3151,
30.8353

■ 29.9793, 32.5417,
37.7304

■ 33.3813, 37.2041,
45.4666

■ 37.1293, 42.3143,
54.0711

Harmonies

Analogous

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



16.3170, 11.3574, 10.1022



14.9569, 11.3574, 5.4069



12.5408, 11.3574, 3.3609

Triad

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



14.9569, 11.3574, 5.4069



6.8446, 11.3574, 8.1965



11.6615, 11.3574, 31.7365

Complementary

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



14.9569, 11.3574, 5.4069



14.5745, 18.3813, 29.5678

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.



9.2190, 11.3574, 30.5785



14.9569, 11.3574, 5.4069



6.6846, 11.3574, 14.9456

Square

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



14.9569, 11.3574, 5.4069



7.9642, 11.3574, 4.4810



7.4869, 11.3574, 23.6355



14.2275, 11.3574, 26.3662

Rectangle

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



14.9569, 11.3574, 5.4069



10.7936, 11.3574, 3.0216



7.4869, 11.3574, 23.6355



10.7961, 11.3574, 32.1354

Sweetspot

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



14.9572, 11.3580, 5.4071



39.6160, 38.7582, 36.2864



17.1559, 10.6323, 21.9344



8.5740, 8.2863, 7.5544



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.9572, 11.3580, 5.4071



24.3749, 16.6844, 5.2841



18.8547, 19.1530, 6.7063



5.4889, 5.5842, 5.6779



10.3945, 5.9206, 0.5949



0.1120, 0.0818, 0.0099

Inverse Universe

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



14.5745, 18.3813, 29.5678



23.5584, 30.3057, 52.5815



10.1478, 9.5280, 28.0923



5.4720, 5.9397, 6.8868



9.8242, 12.6345, 24.8980



0.1087, 0.1504, 0.2430

Previews

White Background



This preview shows how the XYZ color 14.9569, 11.3574, 5.4069 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 14.9569, 11.3574, 5.4069 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 14.9569, 11.3574, 5.4069

Background



This preview shows how black text looks on a background with the XYZ color 14.9569, 11.3574, 5.4069.



This preview shows how white text looks on a background with the XYZ color 14.9569, 11.3574,

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

14.9569, 11.3574, 5.4069

Protanopia

10.6691, 11.4613, 6.8042

Deuteranopia

11.6331, 11.4710, 5.2154



Tritanopia

15.5110, 11.2815, 8.3812

Trichromacy



Original Color

14.9569, 11.3574, 5.4069

Protanomaly

11.8581, 11.1899, 6.2375

Deuteranomaly

12.7147, 11.2945, 5.2513

Tritanomaly

15.3421, 11.3183, 7.1704

Monochromacy



Original Color

14.9569, 11.3574, 5.4069

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.7034, 10.9212, 9.2757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9569, 11.3574, 5.4069 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(145, 75, 58)` looks like.

```
.text, #text, p{  
    color:rgb(145, 75, 58)  
}
```

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(145, 75, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 75, 58) }
```

Border

The CSS property to change the border of an element to XYZ 14.9569, 11.3574, 5.4069 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(145, 75, 58) }
```


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

```
.border{ border-color:rgb(145, 75, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 75, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 75, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 75, 58);  
box-shadow:4px 4px 4px 4px rgb(145, 75,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9569, 11.3574, 5.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 75, 58) }
```

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

```
.background{ background-color: rgb(145, 75,  
58) }
```

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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