

Converting Colors

XYZ(14.4041, 10.1546, 5.2225)

Have a look what the booklet for
XYZ(14.4041, 10.1546, 5.2225)
contains.

XYZ(14.3311, 10.1058, 5.1983)	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(14.3311, 10.1058,
5.1983)**

Conversions

Conversions Part 1

Format	Color
Hex	91413A
RGB	145, 65, 58
RGB Percent	57%, 25%, 23%
CMY	0.4314, 0.7451, 0.7725
CMYK	0.00, 0.55, 0.60, 0.43
HSL	5°, 43%, 40%
HSV	5°, 60%, 57%
XYZ	14.3311, 10.1058, 5.1983
YIQ	88.1220, 49.9270, 14.7830

Conversions

Conversions Part 2

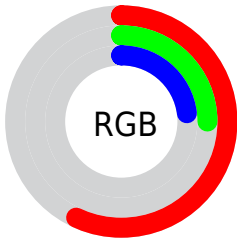
Format	Color
R_{YB}	145, 66, 58
Decimal	9519418
CIE _{Lab}	38.03, 33.23, 20.60
CIE _{LCh}	38, 39.098, 31.801
Yxy	10.1058, 0.4836, 0.3410
Android (android.graphics.Color)	4287709498 (0xFF91413A)
YUV	88.1220, -14.8501, 49.8820
Hunter-Lab	31.7896, 24.8379, 12.5575

Details

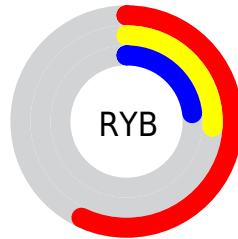
The XYZ color **14.3311, 10.1058, 5.1983** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.9438, 21.1198, 30.0242**, and the grayscale version is **9.3265, 9.8122, 10.6855**.

A 20% lighter version of the original color is **33.3091, 25.9779, 16.6233**, and **4.3842, 2.5029, 0.7422** is the 20% darker color. If you saturate the color by 10%, you get **13.3357, 8.6246, 3.2958**, and if you desaturate by 10%, it is **15.6116, 11.9910, 7.7086**.

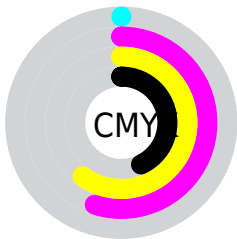
Distribution



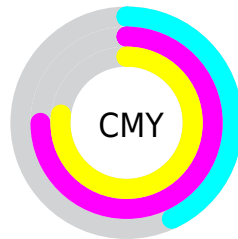
- Red (57%)
- Green (25%)
- Blue (23%)



- Red (57%)
- Yellow (26%)
- Blue (23%)



- Cyan (0%)
- Magenta (55%)
- Yellow (60%)
- Black (43%)





- Cyan (43%)
- Magenta (75%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3311, 10.1058, 5.1983 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 14.3311, 10.1058, 5.1983 by changing the saturation by 10% instead.


 14.3311, 10.1058,
5.1983


 14.3311, 10.1058,
5.1983


212.7506,
191.4255, 160.7358


 8.4345, 5.4692,
2.3033


 33.2568, 25.9943,
16.6907


 4.4284, 2.5251,
0.7331

 47.0166, 38.0150,
26.1251


 1.9472, 0.8892,
0.0000

 64.1282, 53.2658,
38.5765

 0.6041, 0.0000,
0.0000

 84.9569, 72.1311,
54.4633

 0.0000, 0.0000,
0.0000

 109.8682, 94.9953,
74.2041

 139.2273,

122.2429, 98.2174

173.3997,
154.2581, 126.9218

■ 14.3311, 10.1058,
5.1983

■ 14.3311, 10.1058,
5.1983

■ 13.3357, 8.6246,
3.2958

■ 15.6116, 11.9910,
7.7086

■ 12.6028, 7.5165,
1.9490

■ 17.1960, 14.3051,
10.8718

■ 12.1075, 6.7484,
1.0979

■ 19.1025, 17.0729,
14.7296

■ 11.8046, 6.2748,
0.5890

■ 21.3475, 20.3167,
19.3196

■ 11.8046, 6.2748,
0.5890

■ 23.9463, 24.0576,
24.6772

■ 26.9135, 28.3151,
30.8353

■ 30.2624, 33.1080,
37.8247

■ 34.0062, 38.4539,
45.6748

■ 38.1570, 44.3697,
54.4136

Harmonies

Analogous

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



15.2971, 10.1058, 10.5738



14.3311, 10.1058, 5.1983



12.0773, 10.1058, 2.7529

Triad

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



14.3311, 10.1058, 5.1983



5.9415, 10.1058, 5.6693



9.7581, 10.1058, 31.4722

Complementary

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



14.3311, 10.1058, 5.1983



15.9438, 21.1198, 30.0242

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.



7.4959, 10.1058, 28.2867



14.3311, 10.1058, 5.1983



5.5360, 10.1058, 11.4447

Square

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



14.3311, 10.1058, 5.1983



7.2749, 10.1058, 2.9295



6.0526, 10.1058, 20.0381



12.3867, 10.1058, 27.4774

Rectangle

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



14.3311, 10.1058, 5.1983



10.3118, 10.1058, 2.1983



6.0526, 10.1058, 20.0381



8.9318, 10.1058, 31.2014

Sweetspot

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



14.3313, 10.1063, 5.1985



38.9424, 37.4108, 36.0619



17.8650, 10.9159, 25.6682



8.4084, 7.9552, 7.4992



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.



14.3313, 10.1063, 5.1985



23.3714, 14.6773, 4.9496



17.7299, 16.9034, 6.3313



5.4416, 5.4896, 5.6622



10.1341, 5.3999, 0.5082



0.1024, 0.0627, 0.0067

Inverse Universe

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



15.9438, 21.1198, 30.0242



26.4856, 36.1600, 53.5572



11.0114, 11.2551, 28.3801



5.5237, 6.0431, 6.9041



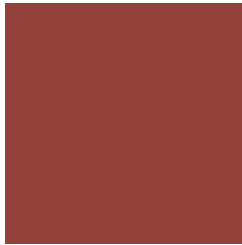
11.6253, 16.2366, 25.4983



0.1183, 0.1695, 0.2462

Previews

White Background



This preview shows how the XYZ color 14.3311, 10.1058, 5.1983 looks on a white background.

Color Contrast Check

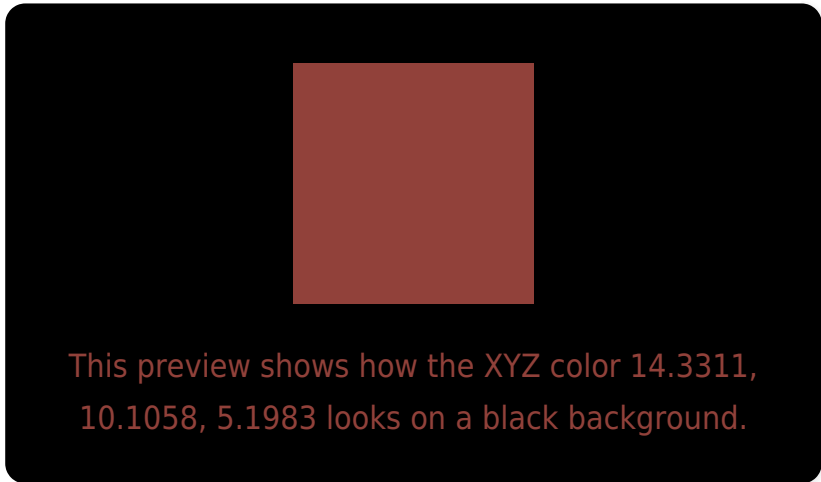
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3311, 10.1058, 5.1983

Background



This preview shows how black text looks on a background with the XYZ color 14.3311, 10.1058, 5.1983.

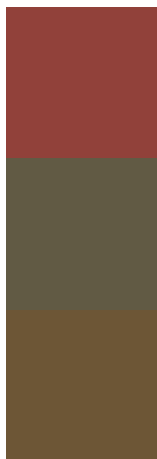


This preview shows how white text looks on a background with the XYZ color 14.3311, 10.1058,

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

14.3311, 10.1058, 5.1983

Protanopia

9.6293, 10.2711, 6.9438

Deuteranopia

10.3003, 10.1731, 4.9108



Tritanopia

14.7308, 10.1951, 6.6603

Trichromacy



Original Color

14.3311, 10.1058, 5.1983

Protanomaly

10.8073, 9.8324, 6.1787

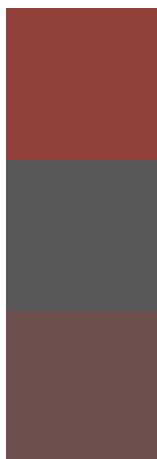
Deuteranomaly

11.4400, 9.8622, 4.9151

Tritanomaly

14.6129, 10.1479, 6.0391

Monochromacy



Original Color

14.3311, 10.1058, 5.1983

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.5149, 9.5244, 8.3054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3311, 10.1058, 5.1983 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, 65, 58)` looks like.

```
.text, #text, p{  
    color:rgb(145, 65, 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, 65, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 65, 58) }
```

Border

The CSS property to change the border of an element to XYZ 14.3311, 10.1058, 5.1983 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, 65, 58) }
```


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

```
.border{ border-color:rgb(145, 65, 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, 65, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 65, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 65, 58);  
box-shadow:4px 4px 4px 4px rgb(145, 65,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3311, 10.1058, 5.1983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 65, 58) }
```

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

```
.background{ background-color: rgb(145, 65,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor