

Converting Colors

XYZ(14.1299, 9.8252, 5.1297)

Have a look what the booklet for
XYZ(14.1299, 9.8252, 5.1297)
contains.

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Color

**XYZ(14.2183, 9.8802,
5.1607)**

Conversions

Conversions Part 1

Format	Color
Hex	913F3A
RGB	145, 63, 58
RGB Percent	57%, 25%, 23%
CMY	0.4314, 0.7529, 0.7725
CMYK	0.00, 0.57, 0.60, 0.43
HSL	3°, 43%, 40%
HSV	3°, 60%, 57%
XYZ	14.2183, 9.8802, 5.1607
YIQ	86.9480, 50.4770, 15.8290

Conversions

Conversions Part 2

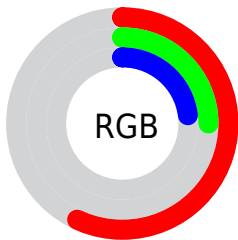
Format	Color
RYB	145, 63, 58
Decimal	9518906
CIELab	37.63, 34.27, 20.08
CIELCh	38, 39.724, 30.365
Yxy	9.8802, 0.4859, 0.3377
Android (android.graphics.Color)	4287708986 (0xFF913F3A)
YUV	86.9480, -14.2714, 50.9116
Hunter-Lab	31.4328, 25.7353, 12.2686

Details

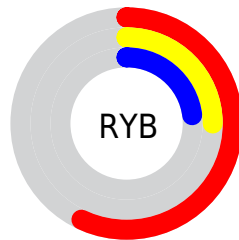
The XYZ color **14.2183, 9.8802, 5.1607** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.2334, 21.6990, 30.1208**, and the grayscale version is **9.0703, 9.5427, 10.3920**.

A 20% lighter version of the original color is **33.0835, 25.5267, 16.5481**, and **4.3448, 2.4242, 0.7291** is the 20% darker color. If you saturate the color by 10%, you get **13.2349, 8.4229, 3.2622**, and if you desaturate by 10%, it is **15.4940, 11.7559, 7.6694**.

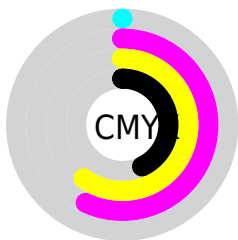
Distribution



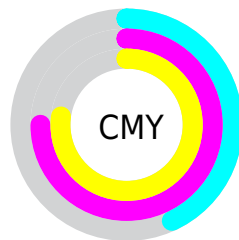
- Red (57%)
- Green (25%)
- Blue (23%)



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



- Cyan (0%)
- Magenta (57%)
- Yellow (60%)
- Black (43%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2183, 9.8802, 5.1607 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 14.2183, 9.8802, 5.1607 by changing the saturation by 10% instead.


 14.2183, 9.8802,
5.1607


 14.2183, 9.8802,
5.1607


212.0682,
189.8149, 160.3648


 8.3554, 5.3196,
2.2815


 33.0589, 25.5699,
16.6088


 4.3769, 2.4360,
0.7208

 46.7673, 37.4678,
26.0147


 1.9175, 0.8443,
0.0000

 63.8216, 52.5803,
38.4333

 0.5870, 0.0000,
0.0000

 84.5870, 71.2917,
54.2830

 0.0000, 0.0000,
0.0000

 109.4291, 93.9865,
73.9825

 138.7131,

121.0490, 97.9503

172.8043,
152.8637, 126.6049

■ 14.2183, 9.8802,
5.1607

■ 14.2183, 9.8802,
5.1607

■ 13.2349, 8.4229,
3.2622

■ 15.4940, 11.7559,
7.6694

■ 12.5198, 7.3505,
1.9214

■ 17.0820, 14.0771,
10.8338

■ 12.0468, 6.6269,
1.0777

■ 19.0012, 16.8703,
14.6958

■ 11.7676, 6.2008,
0.5767

■ 21.2690, 20.1597,
19.2935

■ 11.7676, 6.2008,
0.5766

■ 23.9013, 23.9676,
24.6622

■ 26.9135, 28.3151,
30.8353

■ 30.3195, 33.2222,
37.8437

■ 34.1331, 38.7077,
45.7171

■ 38.3669, 44.7896,
54.4836

Harmonies

Analogous

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



15.1120, 9.8802, 10.6698



14.2183, 9.8802, 5.1607



11.9941, 9.8802, 2.6462

Triad

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



14.2183, 9.8802, 5.1607



5.7799, 9.8802, 5.2549



9.4217, 9.8802, 31.4336

Complementary

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



14.2183, 9.8802, 5.1607



16.2334, 21.6990, 30.1208

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.



7.1945, 9.8802, 27.8708



14.2183, 9.8802, 5.1607



5.3337, 9.8802, 10.8464

Square

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



14.2183, 9.8802, 5.1607



7.1499, 9.8802, 2.6810



5.8022, 9.8802, 19.3996



12.0570, 9.8802, 27.7047

Rectangle

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



14.2183, 9.8802, 5.1607



10.2247, 9.8802, 2.0604



5.8022, 9.8802, 19.3996



8.6036, 9.8802, 31.0361

Sweetspot

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



14.2185, 9.8807, 5.1609



38.8102, 37.1464, 36.0178



17.9719, 10.9586, 26.2310



8.3761, 7.8905, 7.4884



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.



14.2185, 9.8807, 5.1609



23.2009, 14.3363, 4.8928



17.5794, 16.6025, 6.2812



5.4322, 5.4708, 5.6590



10.1002, 5.3321, 0.4969



0.1005, 0.0589, 0.0061

Inverse Universe

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



16.2334, 21.6990, 30.1208



27.1131, 37.4150, 53.7664



11.1444, 11.5211, 28.4245



5.5341, 6.0639, 6.9075



12.0219, 17.0298, 25.6305



0.1202, 0.1733, 0.2468

Previews

White Background



This preview shows how the XYZ color 14.2183, 9.8802, 5.1607 looks on a white background.

Color Contrast Check

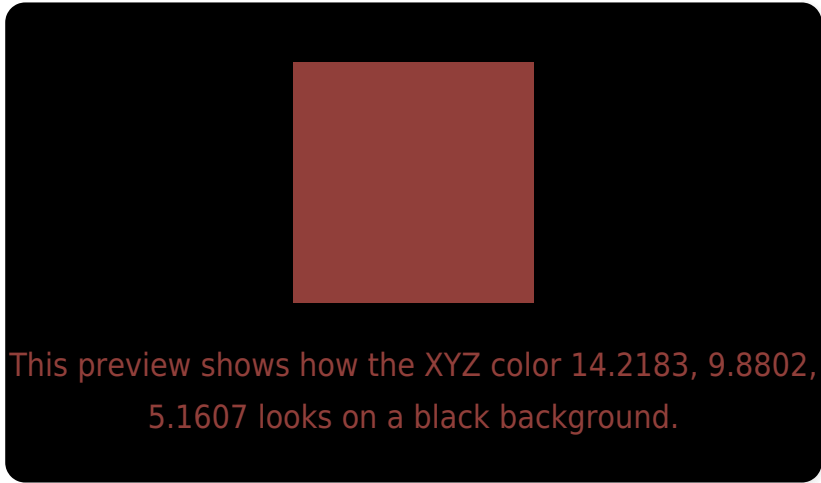
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 14.2183, 9.8802, 5.1607

Background



This preview shows how black text looks on a background with the XYZ color 14.2183, 9.8802, 5.1607.

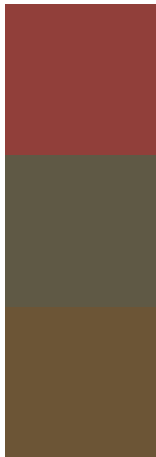


This preview shows how white text looks on a background with the XYZ color 14.2183, 9.8802,

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

14.2183, 9.8802, 5.1607

Protanopia

9.3659, 10.0073, 7.0682

Deuteranopia

10.0987, 9.9515, 4.8786



Tritanopia

14.3830, 9.8583, 6.2990

Trichromacy



Original Color

14.2183, 9.8802, 5.1607

Protanomaly

10.6328, 9.6297, 6.2993

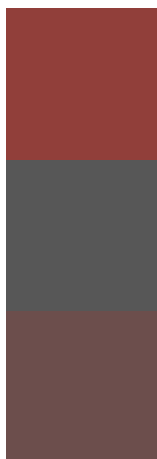
Deuteranomaly

11.2286, 9.6485, 4.8850

Tritanomaly

14.2969, 9.8239, 5.8453

Monochromacy



Original Color

14.2183, 9.8802, 5.1607

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.2132, 9.1587, 8.0670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2183, 9.8802, 5.1607 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, 63, 58)` looks like.

```
.text, #text, p{  
    color:rgb(145, 63, 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, 63, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 63, 58) }
```

Border

The CSS property to change the border of an element to XYZ 14.2183, 9.8802, 5.1607 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, 63, 58) }
```


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

```
.border{ border-color:rgb(145, 63, 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, 63, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 63, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 63, 58);  
box-shadow:4px 4px 4px 4px rgb(145, 63,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2183, 9.8802, 5.1607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 63, 58) }
```

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

```
.background{ background-color: rgb(145, 63,  
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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