

Converting Colors

XYZ(19.4247, 13.8829, 14.7766)

Have a look what the booklet for
XYZ(19.4247, 13.8829, 14.7766)
contains.

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Color

**XYZ(19.3952, 13.8605,
14.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	9E4F68
RGB	158, 79, 104
RGB Percent	62%, 31%, 41%
CMY	0.3804, 0.6902, 0.5922
CMYK	0.00, 0.50, 0.34, 0.38
HSL	341°, 33%, 46%
HSV	341°, 50%, 62%
XYZ	19.3952, 13.8605, 14.7498
YIQ	105.4710, 39.0590, 24.5230

Conversions

Conversions Part 2

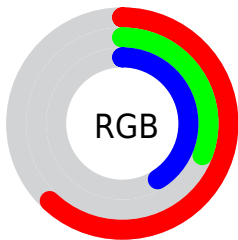
Format	Color
R_{YB}	158, 79, 104
Decimal	10375016
CIE _{Lab}	44.03, 35.61, 0.79
CIE _{LCh}	44, 35.616, 1.267
Yxy	13.8605, 0.4040, 0.2887
Android (android.graphics.Color)	4288565096 (0xFF9E4F68)
YUV	105.4710, -0.7252, 46.0679
Hunter-Lab	37.2297, 27.8395, 2.5710

Details

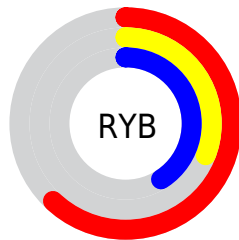
The XYZ color **19.3952, 13.8605, 14.7498** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **19.6856, 27.8098, 26.5220**, and the grayscale version is **13.5500, 14.2556, 15.5244**.

A 20% lighter version of the original color is **41.9234, 32.7789, 35.1277**, and **6.8868, 4.1172, 4.3026** is the 20% darker color. If you saturate the color by 10%, you get **17.8741, 11.6407, 11.7072**, and if you desaturate by 10%, it is **21.2582, 16.6516, 18.2533**.

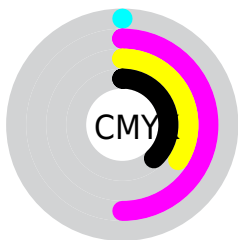
Distribution



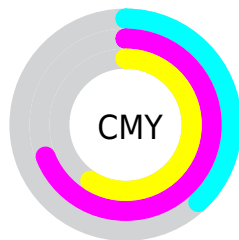
- Red (62%)
- Green (31%)
- Blue (41%)



- Red (62%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (50%)
- Yellow (34%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3952, 13.8605, 14.7498 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 19.3952, 13.8605, 14.7498 by changing the saturation by 10% instead.

■ 19.3952, 13.8605,
14.7498

■ 19.3952, 13.8605,
14.7498

241.5183,
216.3613, 233.4352

■ 12.0619, 8.0237,
8.4993

■ 41.9126, 32.8413,
35.1497

■ 6.8583, 4.1101,
4.3238

■ 57.8273, 46.7541,
50.1362

■ 3.4192, 1.7354,
1.8046

■ 77.3333, 64.1277,
68.8719

■ 1.3791, 0.4464,
0.4310

■ 100.7958, 85.3465,
91.7751

■ 0.2413, 0.0000,
0.0000

■ 128.5802,
110.7948, 119.2645

■ 0.0000, 0.0000,
0.0000

161.0518,

140.8571, 151.7586

198.5761,
175.9178, 189.6760

■ 19.3952, 13.8605,
14.7498

■ 19.3952, 13.8605,
14.7498

■ 17.8741, 11.6407,
11.7072

■ 21.2582, 16.6516,
18.2533

■ 16.6716, 9.9499,
9.1044

■ 23.4822, 20.0479,
22.2361

■ 15.7631, 8.7436,
6.9194

■ 26.0858, 24.0835,
26.7164


■ 15.1199, 7.9687,
5.1277


■ 29.0864, 28.7890,
31.7110


■ 14.6763, 7.4995,
3.6914

■ 32.5000, 34.1931,
37.2361

 14.6762, 7.4994,
3.6910

 36.3419, 40.3229,
43.3072

 40.6264, 47.2041,
49.9389

 45.3673, 54.8609,
57.1455

 50.5778, 63.3168,
64.9405

Harmonies

Analogous

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



18.5429, 13.8605, 23.8883



19.3952, 13.8605, 14.7498



18.3922, 13.8605, 8.3638

Triad

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



19.3952, 13.8605, 14.7498



10.5475, 13.8605, 5.3079



10.7281, 13.8605, 33.2893

Complementary

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



19.3952, 13.8605, 14.7498



19.6856, 27.8098, 26.5220

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.



9.0498, 13.8605, 24.7080



19.3952, 13.8605, 14.7498



8.9565, 13.8605, 8.7729

Square

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



19.3952, 13.8605, 14.7498



13.0541, 13.8605, 4.2601



8.4495, 13.8605, 15.4389



13.2947, 13.8605, 36.6399

Rectangle

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



19.3952, 13.8605, 14.7498



16.8792, 13.8605, 5.9090



8.4495, 13.8605, 15.4389



10.0551, 13.8605, 30.7987

Sweetspot

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



19.3956, 13.8612, 14.7501



49.8434, 47.6005, 52.6654



18.6383, 13.0465, 33.8837



10.9974, 10.3560, 11.4726



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.3956, 13.8612, 14.7501



32.1734, 20.7302, 20.6642



19.4692, 15.7481, 9.4115



6.7152, 6.6790, 7.3515



11.7703, 6.0127, 3.0416



0.2284, 0.1147, 0.1491

Inverse Universe

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



19.3956, 13.8612, 14.7501



32.1734, 20.7302, 20.6642



19.2967, 23.9318, 35.9500



6.7152, 6.6790, 7.3515



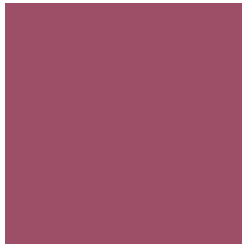
11.7703, 6.0127, 3.0416



0.2284, 0.1147, 0.1491

Previews

White Background



This preview shows how the XYZ color 19.3952, 13.8605, 14.7498 looks on a white background.

Color Contrast Check

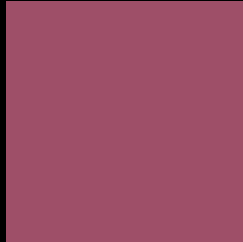
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3952, 13.8605, 14.7498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

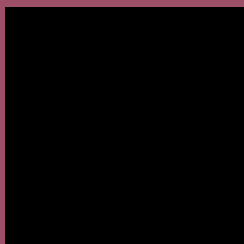
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.3952, 13.8605, 14.7498

Background



This preview shows how black text looks on a background with the XYZ color 19.3952, 13.8605, 14.7498.



This preview shows how white text looks on a background with the XYZ color 19.3952, 13.8605,

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

19.3952, 13.8605, 14.7498

Protanopia

13.7596, 14.0573, 19.4409

Deuteranopia

14.1564, 13.9405, 14.0012



Tritanopia

18.6834, 13.9073, 10.9322

Trichromacy



Original Color

19.3952, 13.8605, 14.7498

Protanomaly

15.1555, 13.5369, 17.7337

Deuteranomaly

15.6234, 13.5936, 14.1123

Tritanomaly

18.8674, 13.8611, 12.2707

Monochromacy



Original Color

19.3952, 13.8605, 14.7498

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

15.0449, 13.6707, 15.2104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3952, 13.8605, 14.7498 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(158, 79, 104)` looks like.

```
.text, #text, p{  
    color:rgb(158, 79, 104)  
}
```

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(158, 79, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 79, 104) }
```

Border

The CSS property to change the border of an element to XYZ 19.3952, 13.8605, 14.7498 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(158, 79, 104) }
```


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

```
.border{ border-color:rgb(158, 79, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 79, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 79, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 79, 104);  
box-shadow:4px 4px 4px 4px rgb(158, 79,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3952, 13.8605, 14.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 79, 104) }
```

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

```
.background{ background-color: rgb(158, 79,  
104) }
```

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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