

Converting Colors

XYZ(18.7433, 13.8382, 14.4578)

Have a look what the booklet for
XYZ(18.7433, 13.8382, 14.4578)
contains.

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Color

**XYZ(18.7919, 13.8839,
14.5214)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5267
RGB	154, 82, 103
RGB Percent	60%, 32%, 40%
CMY	0.3961, 0.6784, 0.5961
CMYK	0.00, 0.47, 0.33, 0.40
HSL	343°, 31%, 46%
HSV	343°, 47%, 60%
XYZ	18.7919, 13.8839, 14.5214
YIQ	105.9220, 36.1710, 21.7950

Conversions

Conversions Part 2

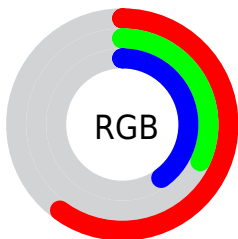
Format	Color
R_{YB}	154, 82, 103
Decimal	10113639
CIE _{Lab}	44.07, 32.38, 1.38
CIE _{LCh}	44, 32.407, 2.439
Yxy	13.8839, 0.3982, 0.2942
Android (android.graphics.Color)	4288303719 (0xFF9A5267)
YUV	105.9220, -1.4405, 42.1644
Hunter-Lab	37.2611, 24.8160, 2.9763

Details

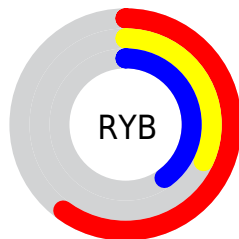
The XYZ color **18.7919, 13.8839, 14.5214** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.2696, 26.5988, 26.3102**, and the grayscale version is **13.6755, 14.3877, 15.6682**.

A 20% lighter version of the original color is **40.7986, 32.8098, 34.7545**, and **6.5132, 4.0826, 4.1861** is the 20% darker color. If you saturate the color by 10%, you get **17.2459, 11.6118, 11.4786**, and if you desaturate by 10%, it is **20.6707, 16.7072, 18.0280**.

Distribution



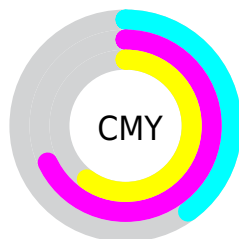
- Red (60%)
- Green (32%)
- Blue (40%)



- Red (60%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (33%)
- Black (40%)



- Cyan (40%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7919, 13.8839, 14.5214 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 18.7919, 13.8839, 14.5214 by changing the saturation by 10% instead.

■ 18.7919, 13.8839,
14.5214

■ 18.7919, 13.8839,
14.5214

238.2577,
216.5074, 231.9909

■ 11.6231, 8.0400,
8.3413

■ 40.9018, 32.8829,
34.7417

■ 6.5580, 4.1205,
4.2232

■ 56.5735, 46.8067,
49.6190

■ 3.2311, 1.7412,
1.7486

■ 75.8104, 64.1926,
68.2325

■ 1.2771, 0.4501,
0.3937

■ 98.9776, 85.4250,
91.0006

■ 0.1660, 0.0000,
0.0000

■ 126.4406,
110.8883, 118.3420

■ 0.0000, 0.0000,
0.0000

158.5647,

140.9669, 150.6751

195.7153,
176.0451, 188.4186

■ 18.7919, 13.8839,
14.5214

■ 18.7919, 13.8839,
14.5214

■ 17.2459, 11.6118,
11.4786

■ 20.6707, 16.7072,
18.0280

■ 16.0113, 9.8524,
8.8784

■ 22.8999, 20.1128,
22.0165

■ 15.0656, 8.5656,
6.6991


■ 25.4969, 24.1316,
26.5051


■ 14.3827, 7.7043,
4.9165


■ 28.4779, 28.7921,
31.5108


■ 13.9237, 7.1959,
3.5010


■ 31.8578, 34.1209,
37.0497

 13.7984, 7.0588,
3.1089

 35.6510, 40.1428,
43.1373

 39.8710, 46.8817,
49.7882

 44.5307, 54.3602,
57.0166

 49.6425, 62.5999,
64.8364

Harmonies

Analogous

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



18.0946, 13.8839, 22.6802



18.7919, 13.8839, 14.5214



17.8356, 13.8839, 8.7112

Triad

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



18.7919, 13.8839, 14.5214



10.7127, 13.8839, 6.0247



11.0337, 13.8839, 31.5109

Complementary

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



18.7919, 13.8839, 14.5214



19.2696, 26.5988, 26.3102

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.



9.4404, 13.8839, 24.0786



18.7919, 13.8839, 14.5214



9.2728, 13.8839, 9.4557

Square

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



18.7919, 13.8839, 14.5214



12.9865, 13.8839, 4.9094



8.8388, 13.8839, 15.7291



13.4082, 13.8839, 34.1905

Rectangle

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



18.7919, 13.8839, 14.5214



16.4534, 13.8839, 6.4274



8.8388, 13.8839, 15.7291



10.4001, 13.8839, 29.3879

Sweetspot

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



18.7923, 13.8846, 14.5217



47.5885, 45.8175, 50.3058



18.4290, 13.3063, 32.1689



10.5347, 10.0017, 10.9851



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.7923, 13.8846, 14.5217



31.2351, 20.9583, 20.6615



19.0694, 15.9189, 10.0511



6.2792, 6.2508, 6.8505



11.2559, 5.7566, 2.6067



0.1827, 0.0918, 0.1149

Inverse Universe

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



18.7923, 13.8846, 14.5217



31.2351, 20.9583, 20.6615



18.6327, 22.7669, 33.9843



6.2792, 6.2508, 6.8505



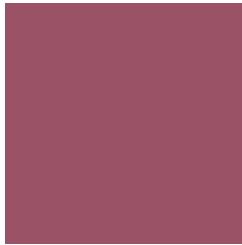
11.2559, 5.7566, 2.6067



0.1827, 0.0918, 0.1149

Previews

White Background



This preview shows how the XYZ color 18.7919, 13.8839, 14.5214 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 18.7919, 13.8839, 14.5214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

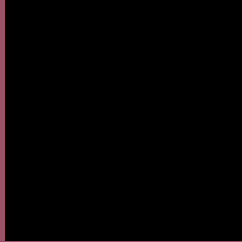
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.7919, 13.8839, 14.5214

Background



This preview shows how black text looks on a background with the XYZ color 18.7919, 13.8839, 14.5214.



This preview shows how white text looks on a background with the XYZ color 18.7919, 13.8839,

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

18.7919, 13.8839, 14.5214

Protanopia

13.6962, 14.0451, 18.5121

Deuteranopia

14.2900, 14.0094, 14.0075



Tritanopia

18.1527, 13.8511, 11.3896

Trichromacy



Original Color

18.7919, 13.8839, 14.5214

Protanomaly

15.0782, 13.6510, 16.8791

Deuteranomaly

15.5576, 13.6908, 14.1345

Tritanomaly

18.2957, 13.7850, 12.5230

Monochromacy



Original Color

18.7919, 13.8839, 14.5214

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.9929, 13.7803, 15.2342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7919, 13.8839, 14.5214 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(154, 82, 103)` looks like.

```
.text, #text, p{  
    color:rgb(154, 82, 103)  
}
```

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(154, 82, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 82, 103) }
```

Border

The CSS property to change the border of an element to XYZ 18.7919, 13.8839, 14.5214 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(154, 82, 103) }
```


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

```
.border{ border-color:rgb(154, 82, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 82, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 82, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 82, 103);  
box-shadow:4px 4px 4px 4px rgb(154, 82,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7919, 13.8839, 14.5214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 82, 103) }
```

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

```
.background{ background-color: rgb(154, 82,  
103) }
```

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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