

Converting Colors

XYZ(19.4041, 14.1508, 16.7476)

Have a look what the booklet for
XYZ(19.4041, 14.1508, 16.7476)
contains.

XYZ(19.4041, 14.1508, 16.7476)	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(19.4041, 14.1508,
16.7476)**

Conversions

Conversions Part 1

Format	Color
Hex	9B526F
RGB	155, 82, 111
RGB Percent	61%, 32%, 44%
CMY	0.3922, 0.6784, 0.5647
CMYK	0.00, 0.47, 0.28, 0.39
HSL	336°, 31%, 46%
HSV	336°, 47%, 61%
XYZ	19.4041, 14.1508, 16.7476
YIQ	107.1330, 34.1990, 24.4950

Conversions

Conversions Part 2

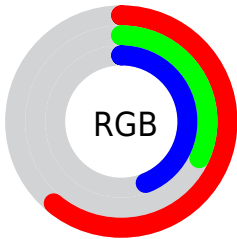
Format	Color
R _Y B	155, 82, 111
Decimal	10179183
CIE Lab	44.45, 33.86, -2.94
CIE LCh	44, 33.985, 355.042
Yxy	14.1508, 0.3857, 0.2813
Android (android.graphics.Color)	4288369263 (0xFF9B526F)
YUV	107.1330, 1.9064, 41.9794
Hunter-Lab	37.6175, 26.2442, -0.0640

Details

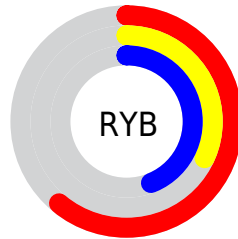
The XYZ color **19.4041, 14.1508, 16.7476** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **18.9676, 26.7433, 23.9022**, and the grayscale version is **14.0006, 14.7297, 16.0407**.

A 20% lighter version of the original color is **41.8624, 33.2683, 38.8654**, and **6.8079, 4.2133, 5.1571** is the 20% darker color. If you saturate the color by 10%, you get **17.8767, 11.8767, 13.8318**, and if you desaturate by 10%, it is **21.2501, 16.9759, 20.0355**.

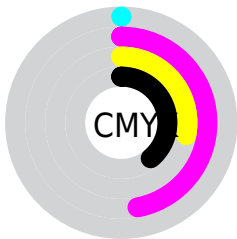
Distribution



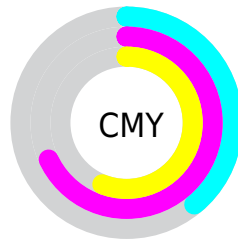
- Red (61%)
- Green (32%)
- Blue (44%)



- Red (61%)
- Yellow (32%)
- Blue (44%)



- Cyan (0%)
- Magenta (47%)
- Yellow (28%)
- Black (39%)



- Cyan (39%)
- Magenta (68%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4041, 14.1508, 16.7476 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 19.4041, 14.1508, 16.7476 by changing the saturation by 10% instead.

■ 19.4041, 14.1508,
16.7476

■ 19.4041, 14.1508,
16.7476

241.5661,
218.1670, 245.7082

■ 12.0684, 8.2256,
9.8946

■ 41.9274, 33.3564,
38.6760

■ 6.8628, 4.2397,
5.2245

■ 57.8458, 47.4055,
54.5885

■ 3.4220, 1.8085,
2.3185

■ 77.3556, 64.9315,
74.3580

■ 1.3807, 0.4925,
0.7416

■ 100.8225, 86.3186,
98.4029

■ 0.2424, 0.0000,
0.0000

■ 128.6116,
111.9514, 127.1418

■ 0.0000, 0.0000,
0.0000

161.0883,

142.2141, 160.9933

198.6181,
177.4911, 200.3759

■ 19.4041, 14.1508,
16.7476

■ 19.4041, 14.1508,
16.7476

■ 17.8767, 11.8767,
13.8318

■ 21.2501, 16.9759,
20.0355

■ 16.6472, 10.1148,
11.2725

■ 23.4315, 20.3831,
23.7082

■ 15.6938, 8.8246,
9.0541


■ 25.9651, 24.4037,
27.7792


■ 14.9914, 7.9585,
7.1592

■ 28.8663, 29.0663,
32.2606


■ 14.5001, 7.4398,
5.5651


■ 32.1497, 34.3974,
37.1642

 14.3754, 7.3117,
5.1496

 35.8288, 40.4223,
42.5012

 39.9167, 47.1648,
48.2825

 44.4257, 54.6475,
54.5182

 49.3676, 62.8923,
61.2186

Harmonies

Analogous

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



18.2409, 14.1508, 25.7584



19.4041, 14.1508, 16.7476



18.8039, 14.1508, 9.8679

Triad

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



19.4041, 14.1508, 16.7476



11.3429, 14.1508, 5.3890



10.6541, 14.1508, 31.3567

Complementary

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



19.4041, 14.1508, 16.7476



18.9676, 26.7433, 23.9022

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.



9.2229, 14.1508, 22.7090



19.4041, 14.1508, 16.7476



9.5812, 14.1508, 8.2845

Square

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



19.4041, 14.1508, 16.7476



13.9099, 14.1508, 4.7414



8.8584, 14.1508, 14.1415



13.0001, 14.1508, 35.8309

Rectangle

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



19.4041, 14.1508, 16.7476



17.5220, 14.1508, 7.0137



8.8584, 14.1508, 14.1415



10.0633, 14.1508, 28.7242

Sweetspot

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



19.4045, 14.1515, 16.7479



47.8985, 45.9415, 51.9383



17.5090, 12.8223, 32.5626



10.6133, 10.0332, 11.3991



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.



19.4045, 14.1515, 16.7479



31.7674, 20.9080, 24.2760



18.6385, 14.7732, 9.8526



6.3054, 6.2613, 6.9881



11.5642, 5.8799, 4.2300



0.1901, 0.0948, 0.1537

Inverse Universe

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



19.4045, 14.1515, 16.7479



31.7674, 20.9080, 24.2760



19.9395, 25.2466, 34.8327



6.3054, 6.2613, 6.9881



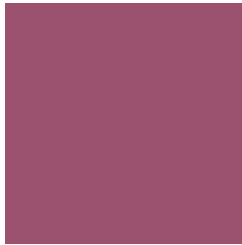
11.5642, 5.8799, 4.2300



0.1901, 0.0948, 0.1537

Previews

White Background



This preview shows how the XYZ color 19.4041, 14.1508, 16.7476 looks on a white background.

Color Contrast Check

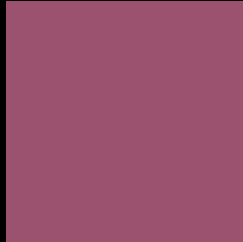
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4041, 14.1508, 16.7476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

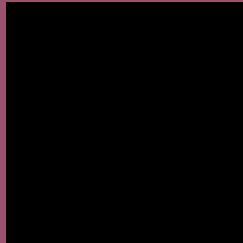
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.4041, 14.1508, 16.7476

Background



This preview shows how black text looks on a background with the XYZ color 19.4041, 14.1508, 16.7476.



This preview shows how white text looks on a background with the XYZ color 19.4041, 14.1508,

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

19.4041, 14.1508, 16.7476

Protanopia

14.1201, 14.3505, 21.4278

Deuteranopia

14.5284, 14.2303, 16.1683



Tritanopia

18.3964, 14.2006, 11.8966

Trichromacy



Original Color

19.4041, 14.1508, 16.7476

Protanomaly

15.5500, 13.9704, 19.6463

Deuteranomaly

16.0584, 14.0344, 16.3305

Tritanomaly

18.8271, 14.2679, 13.5661

Monochromacy



Original Color

19.4041, 14.1508, 16.7476

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.3866, 14.1032, 16.0986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4041, 14.1508, 16.7476 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(155, 82, 111)` looks like.

```
.text, #text, p{  
    color:rgb(155, 82, 111)  
}
```

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(155, 82, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 82, 111) }
```

Border

The CSS property to change the border of an element to XYZ 19.4041, 14.1508, 16.7476 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(155, 82, 111) }
```


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

```
.border{ border-color:rgb(155, 82, 111) }
```

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

Here you see how a box with a 4 pixel rgb(155, 82, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 82, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 82, 111);  
box-shadow:4px 4px 4px 4px rgb(155, 82,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4041, 14.1508, 16.7476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 82, 111) }
```

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

```
.background{ background-color: rgb(155, 82,  
111) }
```

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