

Converting Colors

XYZ(19.9492, 14.4721, 15.5028)

Have a look what the booklet for
XYZ(19.9492, 14.4721, 15.5028)
contains.

XYZ(19.9169, 14.4461, 15.3743)	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(19.9169, 14.4461,
15.3743)**

Conversions

Conversions Part 1

Format	Color
Hex	9F526A
RGB	159, 82, 106
RGB Percent	62%, 32%, 42%
CMY	0.3765, 0.6784, 0.5843
CMYK	0.00, 0.48, 0.33, 0.38
HSL	341°, 32%, 47%
HSV	341°, 48%, 62%
XYZ	19.9169, 14.4461, 15.3743
YIQ	107.7590, 38.1880, 23.7880

Conversions

Conversions Part 2

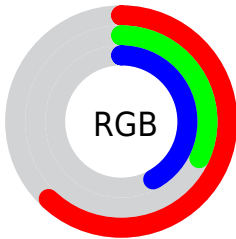
Format	Color
R _Y B	159, 82, 106
Decimal	10441322
CIE Lab	44.87, 34.63, 0.80
CIE LCh	45, 34.638, 1.316
Yxy	14.4461, 0.4004, 0.2904
Android (android.graphics.Color)	4288631402 (0xFF9F526A)
YUV	107.7590, -0.8672, 44.9384
Hunter-Lab	38.0080, 27.0232, 2.6227

Details

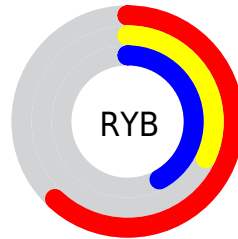
The XYZ color **19.9169, 14.4461, 15.3743** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.2517, 28.3398, 27.3259**, and the grayscale version is **14.1817, 14.9202, 16.2481**.

A 20% lighter version of the original color is **42.7922, 33.8083, 36.1685**, and **7.1590, 4.4067, 4.6109** is the 20% darker color. If you saturate the color by 10%, you get **18.3205, 12.1068, 12.2110**, and if you desaturate by 10%, it is **21.8645, 17.3715, 19.0134**.

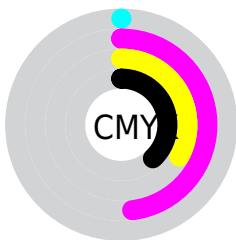
Distribution



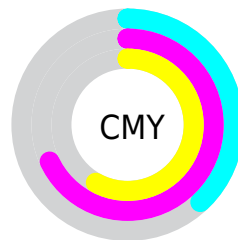
- Red (62%)
- Green (32%)
- Blue (42%)



- Red (62%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (48%)
- Yellow (33%)
- Black (38%)



- Cyan (38%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9169, 14.4461, 15.3743 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 19.9169, 14.4461, 15.3743 by changing the saturation by 10% instead.

■ 19.9169, 14.4461,
15.3743

■ 19.9169, 14.4461,
15.3743

244.3070,
219.9887, 237.3390

■ 12.4426, 8.4316,
8.9330

■ 42.7828, 33.8785,
36.2600

■ 7.1202, 4.3723,
4.6013

■ 58.9051, 48.0652,
51.5415

■ 3.5844, 1.8839,
1.9607

■ 78.6408, 65.7447,
70.6068

■ 1.4698, 0.5387,
0.5309

■ 102.3552, 87.3014,
93.8744

■ 0.3051, 0.0000,
0.0000

■ 130.4136,
113.1198, 121.7629

■ 0.0000, 0.0000,
0.0000

163.1815,

143.5842, 154.6908

201.0242,
179.0790, 193.0767

■ 19.9169, 14.4461,
15.3743

■ 19.9169, 14.4461,
15.3743

■ 18.3205, 12.1068,
12.2110

■ 21.8645, 17.3715,
19.0134

■ 17.0521, 10.3115,
9.5019

■ 24.1824, 20.9171,
23.1470

■ 16.0870, 9.0157,
7.2246

■ 26.8896, 25.1170,
27.7936


■ 15.3966, 8.1670,
5.3543


■ 30.0034, 30.0019,
32.9707


■ 14.9290, 7.6668,
3.8571


■ 33.5401, 35.6009,
38.6947

 14.8643, 7.5974,
3.6503

 37.5149, 41.9411,
44.9813

 41.9425, 49.0485,
51.8458

 46.8369, 56.9476,
59.3026

 52.2111, 65.6618,
67.3656

Harmonies

Analogous

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



19.0756, 14.4461, 24.4521



19.9169, 14.4461, 15.3743



18.9205, 14.4461, 8.9433

Triad

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



19.9169, 14.4461, 15.3743



11.0934, 14.4461, 5.8225



11.2822, 14.4461, 33.7320

Complementary

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



19.9169, 14.4461, 15.3743



20.2517, 28.3398, 27.3259

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.



9.5888, 14.4461, 25.2931



19.9169, 14.4461, 15.3743



9.4908, 14.4461, 9.3753

Square

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



19.9169, 14.4461, 15.3743



13.6060, 14.4461, 4.7311



8.9796, 14.4461, 16.0898



13.8559, 14.4461, 37.0043

Rectangle

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



19.9169, 14.4461, 15.3743



17.4180, 14.4461, 6.4346



8.9796, 14.4461, 16.0898



10.6042, 14.4461, 31.2894

Sweetspot

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



19.9173, 14.4468, 15.3746



49.8278, 47.5942, 52.5831



19.2060, 13.6577, 34.4250



10.9935, 10.3544, 11.4521



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.



19.9173, 14.4468, 15.3746



32.6382, 21.4342, 21.5146



20.0151, 16.3679, 10.0879



6.7140, 6.6785, 7.3449



11.7573, 6.0075, 2.9728



0.2280, 0.1145, 0.1470

Inverse Universe

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



19.9173, 14.4468, 15.3746



32.6382, 21.4342, 21.5146



19.8458, 24.5127, 36.4865



6.7140, 6.6785, 7.3449



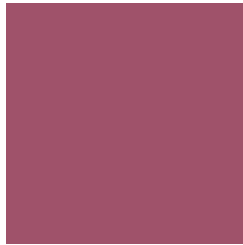
11.7573, 6.0075, 2.9728



0.2280, 0.1145, 0.1470

Previews

White Background



This preview shows how the XYZ color 19.9169, 14.4461, 15.3743 looks on a white background.

Color Contrast Check

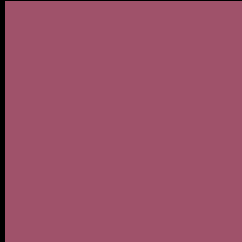
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9169, 14.4461, 15.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

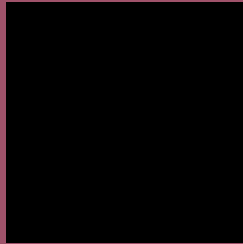
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.9169, 14.4461, 15.3743

Background



This preview shows how black text looks on a background with the XYZ color 19.9169, 14.4461, 15.3743.



This preview shows how white text looks on a background with the XYZ color 19.9169, 14.4461,

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

19.9169, 14.4461, 15.3743

Protanopia

14.3699, 14.6674, 19.8430

Deuteranopia

14.8563, 14.5817, 14.6019



Tritanopia

19.2374, 14.5214, 11.6865

Trichromacy



Original Color

19.9169, 14.4461, 15.3743

Protanomaly

15.8267, 14.1472, 18.1162

Deuteranomaly

16.3719, 14.2320, 14.7161

Tritanomaly

19.3822, 14.4543, 12.8347

Monochromacy



Original Color

19.9169, 14.4461, 15.3743

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.8681, 14.4972, 15.8718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9169, 14.4461, 15.3743 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(159, 82, 106)` looks like.

```
.text, #text, p{  
    color:rgb(159, 82, 106)  
}
```

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(159, 82, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 82, 106) }
```

Border

The CSS property to change the border of an element to XYZ 19.9169, 14.4461, 15.3743 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(159, 82, 106) }
```


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

```
.border{ border-color:rgb(159, 82, 106) }
```

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

Here you see how a box with a 4 pixel rgb(159, 82, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 82, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 82, 106);  
box-shadow:4px 4px 4px 4px rgb(159, 82,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9169, 14.4461, 15.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 82, 106) }
```

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

```
.background{ background-color: rgb(159, 82,  
106) }
```

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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