

Converting Colors

XYZ(18.9310, 14.9071, 20.2919)

Have a look what the booklet for
XYZ(18.9310, 14.9071, 20.2919)
contains.

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Color

**XYZ(18.9310, 14.9071,
20.2919)**

Conversions

Conversions Part 1

Format	Color
Hex	915B7A
RGB	145, 91, 122
RGB Percent	57%, 36%, 48%
CMY	0.4314, 0.6431, 0.5216
CMYK	0.00, 0.37, 0.16, 0.43
HSL	326°, 23%, 46%
HSV	326°, 37%, 57%
XYZ	18.9310, 14.9071, 20.2919
YIQ	110.6800, 22.2330, 21.0890

Conversions

Conversions Part 2

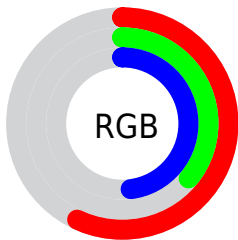
Format	Color
R_{YB}	145, 91, 122
Decimal	9526138
CIE _{Lab}	45.51, 26.88, -8.19
CIE _{LCh}	46, 28.105, 343.050
Yxy	14.9071, 0.3497, 0.2754
Android (android.graphics.Color)	4287716218 (0xFF915B7A)
YUV	110.6800, 5.5808, 30.0986
Hunter-Lab	38.6097, 19.9546, -4.1339

Details

The XYZ color **18.9310, 14.9071, 20.2919** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.4777, 23.6903, 19.5723**, and the grayscale version is **14.9971, 15.7781, 17.1824**.

A 20% lighter version of the original color is **41.1324, 34.6814, 44.5707**, and **6.5807, 4.5359, 6.8320** is the 20% darker color. If you saturate the color by 10%, you get **17.4386, 12.5152, 17.9660**, and if you desaturate by 10%, it is **20.6881, 17.7891, 22.8264**.

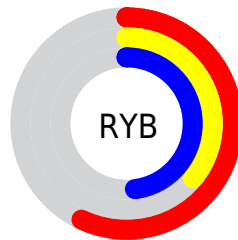
Distribution



Red (57%)

Green (36%)

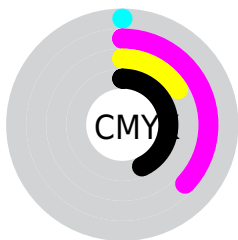
Blue (48%)



Red (57%)

Yellow (36%)

Blue (48%)

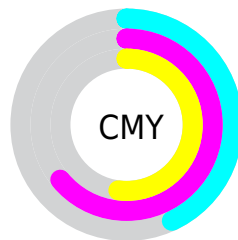


Cyan (0%)

Magenta (37%)

Yellow (16%)

Black (43%)



Cyan (43%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9310, 14.9071, 20.2919 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 18.9310, 14.9071, 20.2919 by changing the saturation by 10% instead.

■ 18.9310, 14.9071,
20.2919

■ 18.9310, 14.9071,
20.2919

239.0130,
222.8032, 266.1473

■ 11.7241, 8.7542,
12.4212

■ 41.1352, 34.6901,
44.7714

■ 6.6270, 4.5812,
6.9052

■ 56.8633, 49.0890,
62.2173

■ 3.2742, 2.0037,
3.3253

■ 76.1626, 67.0054,
83.6921

■ 1.3004, 0.6096,
1.2631

■ 99.3983, 88.8237,
109.6142

■ 0.1835, 0.0000,
0.0312

126.9358,
114.9282, 140.4023

■ 0.0000, 0.0000,
0.0000

159.1405,

145.7034, 176.4748

196.3778,
181.5336, 218.2503

■ 18.9310, 14.9071,
20.2919

■ 18.9310, 14.9071,
20.2919

■ 17.4386, 12.5152,
17.9660

■ 20.6881, 17.7891,
22.8264

■ 16.1953, 10.5836,
15.8408

■ 22.7219, 21.1848,
25.5751

■ 15.1858, 9.0821,
13.9090

■ 25.0449, 25.1188,
28.5445

■ 14.3926, 7.9763,
12.1625

■ 27.6686, 29.6134,
31.7406

■ 13.7952, 7.2263,
10.5921

■ 30.6041, 34.6896,
35.1688

■ 13.3580, 6.7617,
9.1834

■ 33.8615, 40.3675,
38.8345

■ 13.2476, 6.6480,
8.8166

■ 37.4506, 46.6661,
42.7431

■ 41.3810, 53.6035,
46.8994

■ 45.6615, 61.1973,
51.3083

Harmonies

Analogous

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



17.4728, 14.9071, 27.6063



18.9310, 14.9071, 20.2919



19.0275, 14.9071, 13.4882

Triad

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



18.9310, 14.9071, 20.2919



13.1754, 14.9071, 6.6259



11.1244, 14.9071, 26.7307

Complementary

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



18.9310, 14.9071, 20.2919



17.4777, 23.6903, 19.5723

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.



10.2167, 14.9071, 19.3231



18.9310, 14.9071, 20.2919



11.3099, 14.9071, 8.5092

Square

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



18.9310, 14.9071, 20.2919



15.5235, 14.9071, 6.7518



10.2807, 14.9071, 12.7521



12.8952, 14.9071, 31.9699

Rectangle

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



18.9310, 14.9071, 20.2919



18.2913, 14.9071, 10.1615



10.2807, 14.9071, 12.7521



10.7174, 14.9071, 24.3357

Sweetspot

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



18.9314, 14.9078, 20.2922



43.1278, 42.0542, 48.9487



15.7272, 13.0713, 28.4823



9.4842, 9.1689, 10.7488



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.



18.9314, 14.9078, 20.2922



31.5516, 22.9223, 32.6954



17.5071, 14.3381, 12.7917



5.5304, 5.4727, 6.2913



11.3760, 5.7074, 7.6315



0.1198, 0.0590, 0.1312

Inverse Universe

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



18.9314, 14.9078, 20.2922



31.5516, 22.9223, 32.6954



19.2109, 24.3835, 28.6989



5.5304, 5.4727, 6.2913



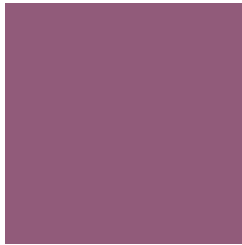
11.3760, 5.7074, 7.6315



0.1198, 0.0590, 0.1312

Previews

White Background



This preview shows how the XYZ color 18.9310, 14.9071, 20.2919 looks on a white background.

Color Contrast Check

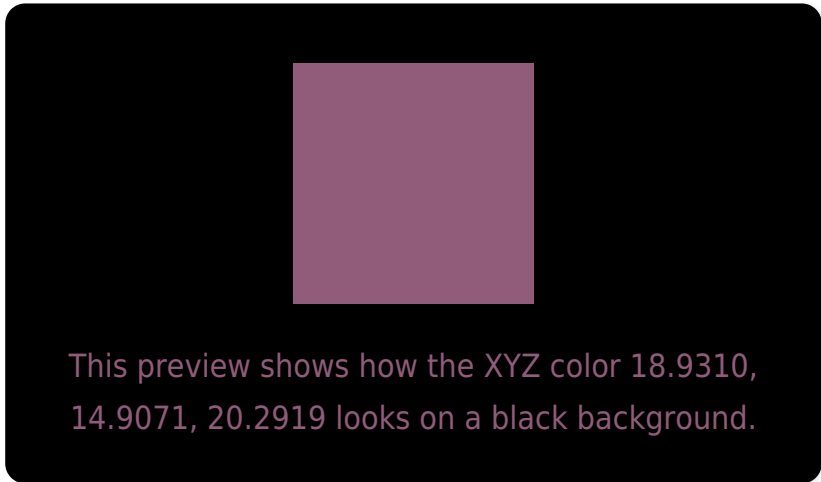
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 18.9310, 14.9071, 20.2919

Background



This preview shows how black text looks on a background with the XYZ color 18.9310, 14.9071, 20.2919.



This preview shows how white text looks on a background with the XYZ color 18.9310, 14.9071,

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

18.9310, 14.9071, 20.2919

Protanopia

14.9708, 15.0336, 24.3030

Deuteranopia

15.1914, 14.9458, 19.5369



Tritanopia

17.8182, 14.9834, 14.5233

Trichromacy



Original Color

18.9310, 14.9071, 20.2919

Protanomaly

16.0873, 14.7439, 22.7668

Deuteranomaly

16.4048, 14.8304, 19.7672

Tritanomaly

18.2646, 15.0388, 16.4081

Monochromacy



Original Color

18.9310, 14.9071, 20.2919

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.2132, 15.3494, 18.3279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9310, 14.9071, 20.2919 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, 91, 122)` looks like.

```
.text, #text, p{  
    color:rgb(145, 91, 122)  
}
```

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, 91, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 91, 122) }
```

Border

The CSS property to change the border of an element to XYZ 18.9310, 14.9071, 20.2919 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, 91, 122) }
```


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

```
.border{ border-color:rgb(145, 91, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 91, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 91, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 91, 122); box-shadow:4px 4px 4px 4px rgb(145, 91, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9310, 14.9071, 20.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 91, 122) }
```

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

```
.background{ background-color: rgb(145, 91,  
122) }
```

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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