

Converting Colors

XYZ(18.0914, 14.8373, 21.9904)

Have a look what the booklet for
XYZ(18.0914, 14.8373, 21.9904)
contains.

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Color

**XYZ(18.1500, 14.8561,
21.9896)**

Conversions

Conversions Part 1

Format	Color
Hex	895E7F
RGB	137, 94, 127
RGB Percent	54%, 37%, 50%
CMY	0.4627, 0.6314, 0.5020
CMYK	0.00, 0.31, 0.07, 0.46
HSL	314°, 19%, 45%
HSV	314°, 31%, 54%
XYZ	18.1500, 14.8561, 21.9896
YIQ	110.6190, 15.0350, 19.3790

Conversions

Conversions Part 2

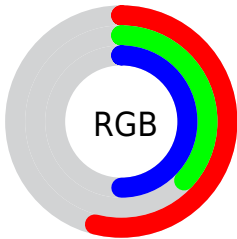
Format	Color
R_{YB}	137, 94, 127
Decimal	9002623
CIE Lab	45.44, 23.11, -11.42
CIE LCh	45, 25.780, 333.716
Yxy	14.8561, 0.3300, 0.2701
Android (android.graphics.Color)	4287192703 (0xFF895E7F)
YUV	110.6190, 8.0758, 23.1361
Hunter-Lab	38.5436, 16.6035, -6.8451

Details

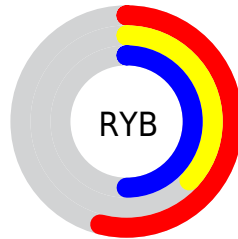
The XYZ color **18.1500, 14.8561, 21.9896** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.0611, 21.2709, 16.3568**, and the grayscale version is **14.9739, 15.7537, 17.1558**.

A 20% lighter version of the original color is **39.8495, 34.6225, 47.7625**, and **6.2294, 4.5615, 7.7599** is the 20% darker color. If you saturate the color by 10%, you get **16.8339, 12.5508, 20.5426**, and if you desaturate by 10%, it is **19.6898, 17.5978, 23.5439**.

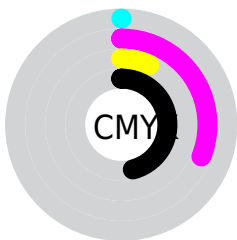
Distribution



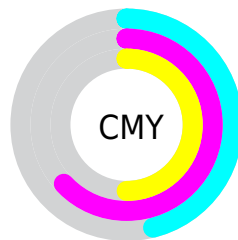
- Red (54%)
- Green (37%)
- Blue (50%)



- Red (54%)
- Yellow (37%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (46%)



- Cyan (46%)
- Magenta (63%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1500, 14.8561, 21.9896 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 18.1500, 14.8561, 21.9896 by changing the saturation by 10% instead.

■ 18.1500, 14.8561,
21.9896

■ 18.1500, 14.8561,
21.9896

234.7444,
222.4936, 275.4437

■ 11.1581, 8.7185,
13.6510

■ 39.8208, 34.6005,
47.6308

■ 6.2413, 4.5580,
7.7424

■ 55.2305, 48.9761,
65.7704

■ 3.0344, 1.9903,
3.8451

■ 74.1767, 66.8665,
88.0142

■ 1.1720, 0.6019,
1.5408

■ 97.0249, 88.6560,
114.7807

■ 0.0841, 0.0000,
0.2480

124.1404,
114.7291, 146.4883

■ 0.0000, 0.0000,
0.0000

155.8886,

145.4701, 183.5556

192.6348,
181.2635, 226.4013

■ 18.1500, 14.8561,
21.9896

■ 18.1500, 14.8561,
21.9896

■ 16.8339, 12.5508,
20.5426

■ 19.6898, 17.5978,
23.5439

■ 15.7287, 10.6571,
19.1979

■ 21.4626, 20.7953,
25.2084

■ 14.8223, 9.1506,
17.9512

■ 23.4789, 24.4688,
26.9870

■ 14.1007, 8.0036,
16.7976

■ 25.7479, 28.6372,
28.8832

■ 13.5482, 7.1846,
15.7317

■ 28.2787, 33.3180,
30.9002

■ 13.1463, 6.6568,
14.7468

■ 31.0795, 38.5281,
33.0410

■ 12.8735, 6.3412,
13.9473

■ 34.1584, 44.2834,
35.3086

■ 37.5233, 50.5992,
37.7059

■ 41.1814, 57.4904,
40.2355

Harmonies

Analogous

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



16.5353, 14.8561, 28.1228



18.1500, 14.8561, 21.9896



18.6483, 14.8561, 15.4222

Triad

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



18.1500, 14.8561, 21.9896



13.8547, 14.8561, 7.0206



10.9603, 14.8561, 23.6572

Complementary

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



18.1500, 14.8561, 21.9896



16.0611, 21.2709, 16.3568

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.



10.3919, 14.8561, 16.9534



18.1500, 14.8561, 21.9896



11.9526, 14.8561, 8.2063

Square

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



18.1500, 14.8561, 21.9896



16.0263, 14.8561, 7.7289



10.7361, 14.8561, 11.4892



12.3717, 14.8561, 29.2443

Rectangle

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



18.1500, 14.8561, 21.9896



18.2425, 14.8561, 11.8753



10.7361, 14.8561, 11.4892



10.6711, 14.8561, 21.4063

Sweetspot

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



18.1505, 14.8568, 21.9899



39.1868, 38.6043, 45.8219



14.1487, 12.7147, 25.3756



8.6901, 8.4784, 10.1882



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.1505, 14.8568, 21.9899



30.7097, 23.4557, 37.4299



16.9308, 14.3689, 15.5676



5.1849, 5.1094, 6.0623



11.9963, 5.9086, 13.0165



0.0853, 0.0415, 0.1159

Inverse Universe

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



18.1505, 14.8568, 21.9899



30.7097, 23.4557, 37.4299



17.2523, 21.7474, 22.6295



5.1849, 5.1094, 6.0623



11.9963, 5.9086, 13.0165



0.0853, 0.0415, 0.1159

Previews

White Background



This preview shows how the XYZ color 18.1500, 14.8561, 21.9896 looks on a white background.

Color Contrast Check

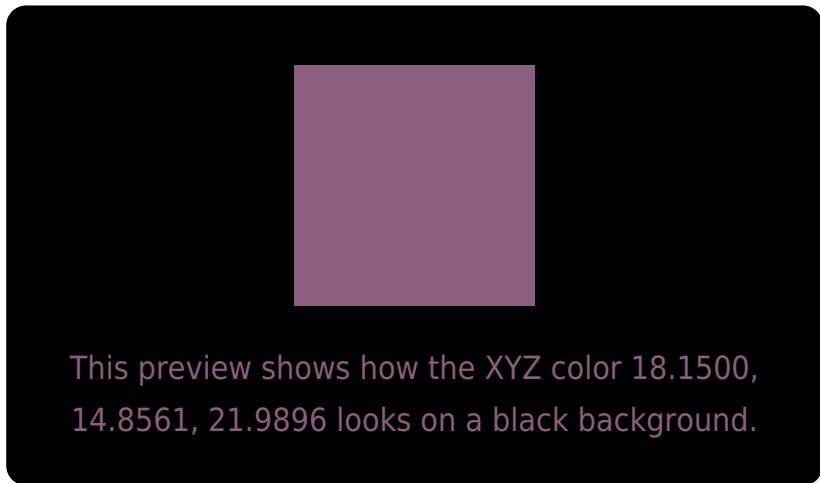
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1500, 14.8561, 21.9896

Background



This preview shows how black text looks on a background with the XYZ color 18.1500, 14.8561, 21.9896.



This preview shows how white text looks on a background with the XYZ color 18.1500, 14.8561,

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

18.1500, 14.8561, 21.9896

Protanopia

15.0685, 15.0597, 25.4052

Deuteranopia

15.1837, 14.8988, 21.4775



Tritanopia

16.8007, 14.8443, 15.6154

Trichromacy



Original Color

18.1500, 14.8561, 21.9896

Protanomaly

15.9244, 14.7736, 24.2026

Deuteranomaly

16.1653, 14.8068, 21.7447

Tritanomaly

17.3036, 14.9152, 17.8865

Monochromacy



Original Color

18.1500, 14.8561, 21.9896

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.0082, 15.3806, 18.9546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1500, 14.8561, 21.9896 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(137, 94, 127)` looks like.

```
.text, #text, p{  
    color:rgb(137, 94, 127)  
}
```

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(137, 94, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 94, 127) }
```

Border

The CSS property to change the border of an element to XYZ 18.1500, 14.8561, 21.9896 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(137, 94, 127) }
```


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

```
.border{ border-color:rgb(137, 94, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 94, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 94, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 94, 127); box-shadow:4px 4px 4px 4px rgb(137, 94, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1500, 14.8561, 21.9896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 94, 127) }
```

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

```
.background{ background-color: rgb(137, 94,  
127) }
```

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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