

Converting Colors

XYZ(18.5115, 14.9529, 21.7491)

Have a look what the booklet for
XYZ(18.5115, 14.9529, 21.7491)
contains.

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Color

**XYZ(18.4955, 14.9105,
21.6419)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5D7E
RGB	140, 93, 126
RGB Percent	55%, 36%, 49%
CMY	0.4510, 0.6353, 0.5059
CMYK	0.00, 0.34, 0.10, 0.45
HSL	318°, 20%, 46%
HSV	318°, 34%, 55%
XYZ	18.4955, 14.9105, 21.6419
YIQ	110.8150, 17.4190, 20.2270

Conversions

Conversions Part 2

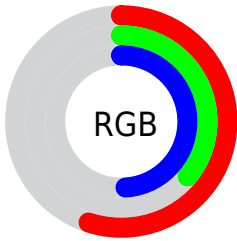
Format	Color
RYB	140, 93, 126
Decimal	9198974
CIELab	45.51, 24.61, -10.66
CIELCh	46, 26.819, 336.568
Yxy	14.9105, 0.3360, 0.2709
Android (android.graphics.Color)	4287389054 (0xFF8C5D7E)
YUV	110.8150, 7.4862, 25.5952
Hunter-Lab	38.6141, 17.9237, -6.2001

Details

The XYZ color **18.4955, 14.9105, 21.6419** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.5468, 22.1454, 17.3132**, and the grayscale version is **15.0317, 15.8145, 17.2220**.

A 20% lighter version of the original color is **40.3581, 34.6705, 47.2128**, and **6.4364, 4.6137, 7.5725** is the 20% darker color. If you saturate the color by 10%, you get **17.1139, 12.5689, 19.8813**, and if you desaturate by 10%, it is **20.1142, 17.7079, 23.5372**.

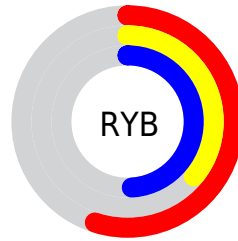
Distribution



Red (55%)

Green (36%)

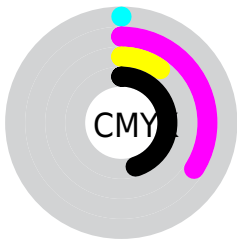
Blue (49%)



Red (55%)

Yellow (36%)

Blue (49%)

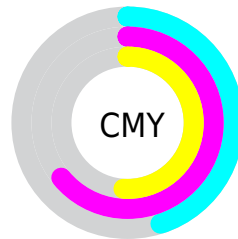


Cyan (0%)

Magenta (34%)

Yellow (10%)

Black (45%)



Cyan (45%)

Magenta (64%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4955, 14.9105, 21.6419 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 18.4955, 14.9105, 21.6419 by changing the saturation by 10% instead.

■ 18.4955, 14.9105,
21.6419

■ 18.4955, 14.9105,
21.6419

236.6412,
222.8239, 273.5627

■ 11.4081, 8.7566,
13.3982

■ 40.4034, 34.6961,
47.0480

■ 6.4114, 4.5828,
7.5694

■ 55.9546, 49.0966,
65.0475

■ 3.1398, 2.0046,
3.7369

■ 75.0578, 67.0147,
87.1360

■ 1.2281, 0.6101,
1.4821

■ 98.0783, 88.8349,
113.7321

■ 0.1284, 0.0000,
0.2046

125.3816,
114.9415, 145.2542

■ 0.0000, 0.0000,
0.0000

157.3329,

145.7189, 182.1210

194.2977,
181.5516, 224.7510

■ 18.4955, 14.9105,
21.6419

■ 18.4955, 14.9105,
21.6419

■ 17.1139, 12.5689,
19.8813

■ 20.1142, 17.7079,
23.5372

■ 15.9557, 10.6564,
18.2496

■ 21.9801, 20.9819,
25.5709

■ 15.0076, 9.1467,
16.7421

■ 24.1045, 24.7543,
27.7473

■ 14.2545, 8.0098,
15.3529

■ 26.4973, 29.0451,
30.0705

■ 13.6793, 7.2114,
14.0755

■ 29.1682, 33.8732,
32.5443

■ 13.2610, 6.7101,
12.9024

■ 32.1261, 39.2564,
35.1723

■ 13.0340, 6.4630,
12.1892

■ 35.3798, 45.2119,
37.9580

■ 38.9374, 51.7560,
40.9048

■ 42.8069, 58.9043,
44.0158

Harmonies

Analogous

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



16.8917, 14.9105, 28.2723



18.4955, 14.9105, 21.6419



18.8881, 14.9105, 14.8666

Triad

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



18.4955, 14.9105, 21.6419



13.6857, 14.9105, 6.8157



10.9909, 14.9105, 24.7340

Complementary

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



18.4955, 14.9105, 21.6419



16.5468, 22.1454, 17.3132

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.



10.3145, 14.9105, 17.6849



18.4955, 14.9105, 21.6419



11.7611, 14.9105, 8.2160

Square

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



18.4955, 14.9105, 21.6419



15.9519, 14.9105, 7.3534



10.5809, 14.9105, 11.8132



12.5297, 14.9105, 30.3609

Rectangle

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



18.4955, 14.9105, 21.6419



18.3770, 14.9105, 11.3258



10.5809, 14.9105, 11.8132



10.6630, 14.9105, 22.3903

Sweetspot

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



18.4960, 14.9112, 21.6422



39.9577, 39.1257, 46.3424



14.6302, 12.8065, 26.5121



9.1031, 8.8310, 10.5703



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.4960, 14.9112, 21.6422



30.7965, 23.2081, 35.8747



17.1875, 14.3878, 14.7522



5.1714, 5.1040, 5.9912



11.5900, 5.7461, 10.8773



0.0835, 0.0408, 0.1063

Inverse Universe

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



18.4960, 14.9112, 21.6422



30.7965, 23.2081, 35.8747



17.9098, 22.6906, 24.4909



5.1714, 5.1040, 5.9912



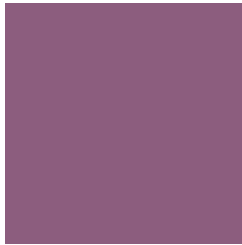
11.5900, 5.7461, 10.8773



0.0835, 0.0408, 0.1063

Previews

White Background



This preview shows how the XYZ color 18.4955, 14.9105, 21.6419 looks on a white background.

Color Contrast Check

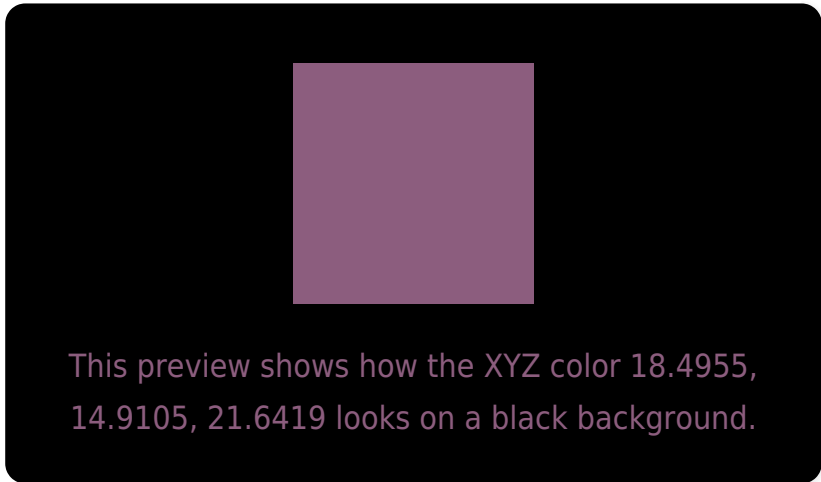
Large Text (above 18pt) WCAG AA ✓ Pass

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

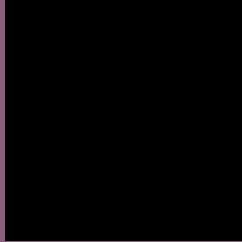
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4955, 14.9105, 21.6419

Background



This preview shows how black text looks on a background with the XYZ color 18.4955, 14.9105, 21.6419.



This preview shows how white text looks on a background with the XYZ color 18.4955, 14.9105,

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

18.4955, 14.9105, 21.6419

Protanopia

15.0685, 15.0597, 25.4052

Deuteranopia

15.2452, 14.9379, 21.1486



Tritanopia

17.0899, 14.8672, 15.0656

Trichromacy



Original Color

18.4955, 14.9105, 21.6419

Protanomaly

15.9865, 14.8135, 23.8465

Deuteranomaly

16.3814, 14.9256, 21.4196

Tritanomaly

17.5887, 14.9389, 17.2857

Monochromacy



Original Color

18.4955, 14.9105, 21.6419

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.1287, 15.2992, 18.6260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4955, 14.9105, 21.6419 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(140, 93, 126)` looks like.

```
.text, #text, p{  
    color:rgb(140, 93, 126)  
}
```

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(140, 93, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 93, 126) }
```

Border

The CSS property to change the border of an element to XYZ 18.4955, 14.9105, 21.6419 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(140, 93, 126) }
```


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

```
.border{ border-color:rgb(140, 93, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 93, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 93, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 93, 126);  
box-shadow:4px 4px 4px 4px rgb(140, 93,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4955, 14.9105, 21.6419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 93, 126) }
```

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

```
.background{ background-color: rgb(140, 93,  
126) }
```

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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