

Converting Colors

XYZ(21.9634, 14.5935, 18.1822)

Have a look what the booklet for
XYZ(21.9634, 14.5935, 18.1822)
contains.

XYZ(21.9634, 14.5935, 18.1822)	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(21.9634, 14.5935,
18.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	A94A74
RGB	169, 74, 116
RGB Percent	66%, 29%, 45%
CMY	0.3373, 0.7098, 0.5451
CMYK	0.00, 0.56, 0.31, 0.34
HSL	333°, 39%, 48%
HSV	333°, 56%, 66%
XYZ	21.9634, 14.5935, 18.1822
YIQ	107.1930, 43.1380, 33.2020

Conversions

Conversions Part 2

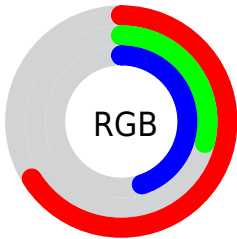
Format	Color
RYB	169, 74, 116
Decimal	11094644
CIELab	45.07, 43.58, -4.84
CIELCh	45, 43.850, 353.666
Yxy	14.5935, 0.4012, 0.2666
Android (android.graphics.Color)	4289284724 (0xFFA94A74)
YUV	107.1930, 4.3419, 54.2047
Hunter-Lab	38.2014, 35.7736, -1.4784

Details

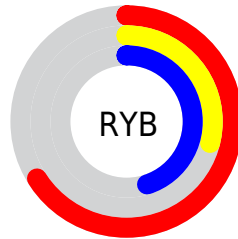
The XYZ color **21.9634, 14.5935, 18.1822** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.8436, 31.3646, 25.0358**, and the grayscale version is **14.0091, 14.7386, 16.0504**.

A 20% lighter version of the original color is **46.2073, 34.0798, 41.1884**, and **8.2157, 4.4605, 5.8968** is the 20% darker color. If you saturate the color by 10%, you get **20.4620, 12.4242, 15.1117**, and if you desaturate by 10%, it is **23.8244, 17.3927, 21.6476**.

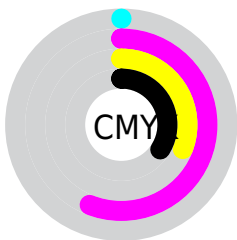
Distribution



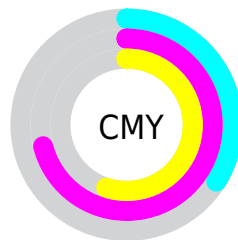
- Red (66%)
- Green (29%)
- Blue (45%)



- Red (66%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (56%)
- Yellow (31%)
- Black (34%)



- Cyan (34%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9634, 14.5935, 18.1822 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 21.9634, 14.5935, 18.1822 by changing the saturation by 10% instead.

■ 21.9634, 14.5935,
18.1822

■ 21.9634, 14.5935,
18.1822

254.9910,
220.8924, 254.1665

■ 13.9465, 8.5346,
10.9101

■ 46.1648, 34.1385,
41.1657

■ 8.1649, 4.4389,
5.8930

■ 63.0800, 48.3933,
57.7141

■ 4.2533, 1.9220,
2.7124

■ 83.6919, 66.1489,
78.1917

■ 1.8464, 0.5615,
0.9497

■ 108.3660, 87.7897,
103.0171

■ 0.5454, 0.0000,
0.0000

■ 137.4677,
113.7001, 132.6087

■ 0.0000, 0.0000,
0.0000

171.3621,

144.2644, 167.3851

210.4148,
179.8670, 207.7649

■ 21.9634, 14.5935,
18.1822

■ 21.9634, 14.5935,
18.1822

■ 20.4620, 12.4242,
15.1117

■ 23.8244, 17.3927,
21.6476

■ 19.2923, 10.8322,
12.4182

■ 26.0675, 20.8644,
25.5227

■ 18.4244, 9.7599,
10.0832

■ 28.7146, 25.0501,
29.8225

■ 17.8172, 9.1283,
8.0842

■ 31.7857, 29.9874,
34.5608

■ 17.6225, 8.9391,
7.4016

■ 35.2994, 35.7110,
39.7509

■ 39.2729, 42.2536,
45.4051

■ 43.7228, 49.6460,
51.5356

■ 48.6647, 57.9174,
58.1539

■ 54.1135, 67.0956,
65.2710

Harmonies

Analogous

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



20.2373, 14.5935, 30.7925



21.9634, 14.5935, 18.1822



21.2371, 14.5935, 9.1793

Triad

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



21.9634, 14.5935, 18.1822



11.2703, 14.5935, 3.7611



10.1558, 14.5935, 37.8463

Complementary

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



21.9634, 14.5935, 18.1822



20.8436, 31.3646, 25.0358

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.



8.4414, 14.5935, 25.2644



21.9634, 14.5935, 18.1822



9.0026, 14.5935, 6.7914

Square

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



21.9634, 14.5935, 18.1822



14.6496, 14.5935, 3.1992



8.0591, 14.5935, 13.7987



13.1199, 14.5935, 44.9129

Rectangle

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



21.9634, 14.5935, 18.1822



19.5133, 14.5935, 5.7467



8.0591, 14.5935, 13.7987



9.4365, 14.5935, 33.9149

Sweetspot

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



21.9638, 14.5942, 18.1825



56.2864, 52.6707, 60.9289



18.2520, 12.2176, 38.9326



12.0308, 11.0970, 12.9188



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.9638, 14.5942, 18.1825



36.1837, 21.6047, 26.0520



20.3768, 14.4862, 8.2015



7.6637, 7.5954, 8.5464



13.1599, 6.6727, 5.6538



0.3461, 0.1727, 0.2741

Inverse Universe

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



21.9638, 14.5942, 18.1825



36.1837, 21.6047, 26.0520



23.3063, 30.9614, 42.2842



7.6637, 7.5954, 8.5464



13.1599, 6.6727, 5.6538



0.3461, 0.1727, 0.2741

Previews

White Background



This preview shows how the XYZ color 21.9634, 14.5935, 18.1822 looks on a white background.

Color Contrast Check

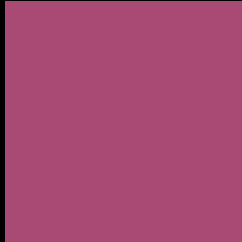
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9634, 14.5935, 18.1822 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 21.9634, 14.5935, 18.1822

Background



This preview shows how black text looks on a background with the XYZ color 21.9634, 14.5935, 18.1822.



This preview shows how white text looks on a background with the XYZ color 21.9634, 14.5935,

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

21.9634, 14.5935, 18.1822

Protanopia

14.8150, 14.7669, 25.7364

Deuteranopia

15.0220, 14.7613, 17.0964



Tritanopia

20.2743, 14.5162, 10.5374

Trichromacy



Original Color

21.9634, 14.5935, 18.1822

Protanomaly

16.2773, 13.8755, 22.5892

Deuteranomaly

16.8867, 14.1719, 17.4682

Tritanomaly

20.8184, 14.5273, 13.0161

Monochromacy



Original Color

21.9634, 14.5935, 18.1822

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.1126, 14.0560, 16.6157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9634, 14.5935, 18.1822 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(169, 74, 116)` looks like.

```
.text, #text, p{  
    color:rgb(169, 74, 116)  
}
```

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(169, 74, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 74, 116) }
```

Border

The CSS property to change the border of an element to XYZ 21.9634, 14.5935, 18.1822 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(169, 74, 116) }
```


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

```
.border{ border-color:rgb(169, 74, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 74, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 74, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 74, 116);  
box-shadow:4px 4px 4px 4px rgb(169, 74,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9634, 14.5935, 18.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 74, 116) }
```

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

```
.background{ background-color: rgb(169, 74,  
116) }
```

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