

Converting Colors

XYZ(21.5219, 14.3922, 16.9729)

Have a look what the booklet for
XYZ(21.5219, 14.3922, 16.9729)
contains.

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Color

**XYZ(21.5219, 14.3922,
16.9729)**

Conversions

Conversions Part 1

Format	Color
Hex	A84A70
RGB	168, 74, 112
RGB Percent	66%, 29%, 44%
CMY	0.3412, 0.7098, 0.5608
CMYK	0.00, 0.56, 0.33, 0.34
HSL	336°, 39%, 47%
HSV	336°, 56%, 66%
XYZ	21.5219, 14.3922, 16.9729
YIQ	106.4380, 43.8260, 31.7460

Conversions

Conversions Part 2

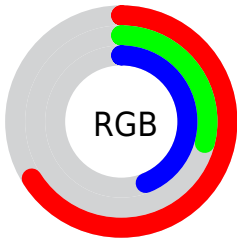
Format	Color
R_{YB}	168, 74, 112
Decimal	11029104
CIE _{Lab}	44.79, 42.73, -2.83
CIE _{LCh}	45, 42.821, 356.216
Yxy	14.3922, 0.4069, 0.2721
Android (android.graphics.Color)	4289219184 (0xFFA84A70)
YUV	106.4380, 2.7421, 53.9899
Hunter-Lab	37.9371, 34.8742, 0.0298

Details

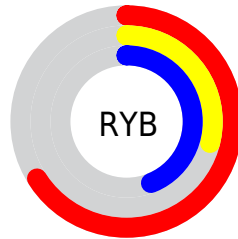
The XYZ color **21.5219, 14.3922, 16.9729** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.8567, 31.0733, 26.0192**, and the grayscale version is **13.8046, 14.5235, 15.8161**.

A 20% lighter version of the original color is **45.5257, 33.7708, 39.2409**, and **7.9856, 4.3812, 5.2753** is the 20% darker color. If you saturate the color by 10%, you get **20.0197, 12.2306, 13.8738**, and if you desaturate by 10%, it is **23.3864, 17.1791, 20.4988**.

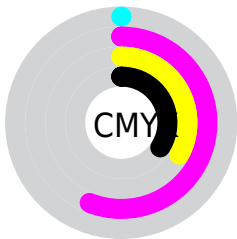
Distribution



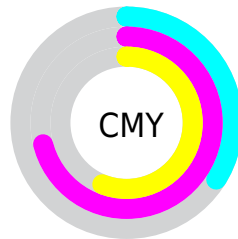
- Red (66%)
- Green (29%)
- Blue (44%)



- Red (66%)
- Yellow (29%)
- Blue (44%)



- Cyan (0%)
- Magenta (56%)
- Yellow (33%)
- Black (34%)



- Cyan (34%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5219, 14.3922, 16.9729 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 21.5219, 14.3922, 16.9729 by changing the saturation by 10% instead.

■ 21.5219, 14.3922,
16.9729

■ 21.5219, 14.3922,
16.9729

252.7188,
219.6573, 247.0548

■ 13.6207, 8.3939,
10.0534

■ 45.4393, 33.7833,
39.0692

■ 7.9372, 4.3480,
5.3283

■ 62.1861, 47.9450,
55.0831

■ 4.1063, 1.8701,
2.3791

■ 82.6122, 65.5966,
74.9655

■ 1.7624, 0.5303,
0.7750

■ 107.0829, 87.1225,
99.1350

■ 0.4949, 0.0000,
0.0000

■ 135.9636,
112.9071, 128.0102

■ 0.0000, 0.0000,
0.0000

169.6195,

143.3349, 162.0095

208.4162,
178.7901, 201.5515

■ 21.5219, 14.3922,
16.9729

■ 21.5219, 14.3922,
16.9729

■ 20.0197, 12.2306,
13.8738

■ 23.3864, 17.1791,
20.4988

■ 18.8521, 10.6423,
11.1818

■ 25.6356, 20.6333,
24.4679

■ 17.9891, 9.5708,
8.8766

■ 28.2916, 24.7957,
28.8969

■ 17.3910, 8.9400,
6.9338

■ 31.3742, 29.7033,
33.8011

■ 17.1892, 8.7411,
6.2358

■ 34.9019, 35.3905,
39.1951

■ 38.8922, 41.8896,
45.0928

■ 43.3616, 49.2310,
51.5074

■ 48.3258, 57.4434,
58.4519

■ 53.7996, 66.5544,
65.9384

Harmonies

Analogous

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



20.0448, 14.3922, 28.9615



21.5219, 14.3922, 16.9729



20.6214, 14.3922, 8.6251

Triad

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



21.5219, 14.3922, 16.9729



10.9255, 14.3922, 3.9834



10.2786, 14.3922, 37.6688

Complementary

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



21.5219, 14.3922, 16.9729



20.8567, 31.0733, 26.0192

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.



8.5016, 14.3922, 25.7789



21.5219, 14.3922, 16.9729



8.8281, 14.3922, 7.2328

Square

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



21.5219, 14.3922, 16.9729



14.1268, 14.3922, 3.2567



8.0193, 14.3922, 14.4368



13.2415, 14.3922, 43.7108

Rectangle

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



21.5219, 14.3922, 16.9729



18.8645, 14.3922, 5.4920



8.0193, 14.3922, 14.4368



9.5437, 14.3922, 34.0295

Sweetspot

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



21.5223, 14.3929, 16.9732



56.1239, 52.6056, 60.0727



18.5453, 12.3796, 38.4581



11.9921, 11.0815, 12.7149



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.



21.5223, 14.3929, 16.9732



35.7937, 21.4487, 23.9983



20.3898, 14.8295, 8.2671



7.6521, 7.5907, 8.4851



13.0046, 6.6106, 4.8358



0.3419, 0.1710, 0.2518

Inverse Universe

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



21.5223, 14.3929, 16.9732



35.7937, 21.4487, 23.9983



22.4922, 29.4829, 41.5513



7.6521, 7.5907, 8.4851



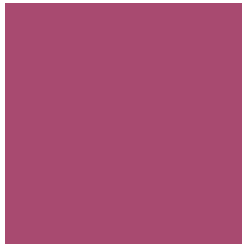
13.0046, 6.6106, 4.8358



0.3419, 0.1710, 0.2518

Previews

White Background



This preview shows how the XYZ color 21.5219, 14.3922, 16.9729 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 21.5219, 14.3922, 16.9729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

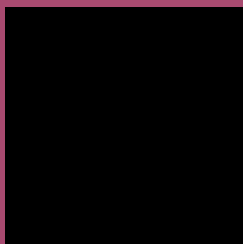
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.5219, 14.3922, 16.9729

Background



This preview shows how black text looks on a background with the XYZ color 21.5219, 14.3922, 16.9729.



This preview shows how white text looks on a background with the XYZ color 21.5219, 14.3922,

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

21.5219, 14.3922, 16.9729

Protanopia

14.5744, 14.6833, 23.8958

Deuteranopia

14.7065, 14.4750, 15.9288



Tritanopia

20.1616, 14.3548, 10.3025

Trichromacy



Original Color

21.5219, 14.3922, 16.9729

Protanomaly

16.1618, 13.8460, 21.2228

Deuteranomaly

16.5791, 13.9093, 16.2789

Tritanomaly

20.6558, 14.3495, 12.5075

Monochromacy



Original Color

21.5219, 14.3922, 16.9729

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.7627, 13.7552, 16.0116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5219, 14.3922, 16.9729 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(168, 74, 112)` looks like.

```
.text, #text, p{  
    color:rgb(168, 74, 112)  
}
```

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(168, 74, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 74, 112) }
```

Border

The CSS property to change the border of an element to XYZ 21.5219, 14.3922, 16.9729 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(168, 74, 112) }
```


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

```
.border{ border-color:rgb(168, 74, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 74, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 74, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 74, 112);  
box-shadow:4px 4px 4px 4px rgb(168, 74,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5219, 14.3922, 16.9729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 74, 112) }
```

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

```
.background{ background-color: rgb(168, 74,  
112) }
```

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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