

Converting Colors

XYZ(21.5145, 18.8430, 16.7999)

Have a look what the booklet for
XYZ(21.5145, 18.8430, 16.7999)
contains.

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Color

**XYZ(21.5018, 18.8900,
16.7002)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6D6C
RGB	154, 109, 108
RGB Percent	60%, 43%, 42%
CMY	0.3961, 0.5725, 0.5765
CMYK	0.00, 0.29, 0.30, 0.40
HSL	1°, 19%, 51%
HSV	1°, 30%, 60%
XYZ	21.5018, 18.8900, 16.7002
YIQ	122.3410, 27.1410, 9.2290

Conversions

Conversions Part 2

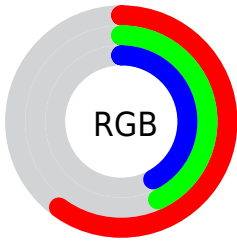
Format	Color
R_{YB}	154, 109, 108
Decimal	10120556
CIE _{Lab}	50.56, 17.77, 7.70
CIE _{LCh}	51, 19.367, 23.422
Yxy	18.8900, 0.3766, 0.3309
Android (android.graphics.Color)	4288310636 (0xFF9A6D6C)
YUV	122.3410, -7.0701, 27.7649
Hunter-Lab	43.4626, 12.2478, 7.6421

Details

The XYZ color **21.5018, 18.8900, 16.7002** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4079, 28.3027, 34.8011**, and the grayscale version is **18.6268, 19.5968, 21.3409**.

A 20% lighter version of the original color is **45.2974, 41.5483, 38.4331**, and **7.9905, 6.4992, 5.2482** is the 20% darker color. If you saturate the color by 10%, you get **19.2819, 15.6480, 12.2676**, and if you desaturate by 10%, it is **24.1429, 22.7425, 21.9880**.

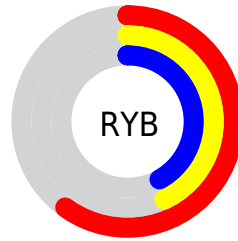
Distribution



Red (60%)

Green (43%)

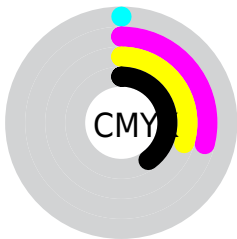
Blue (42%)



Red (60%)

Yellow (43%)

Blue (42%)

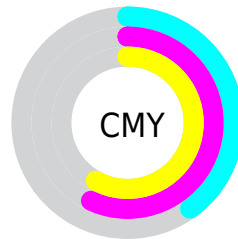


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (40%)



Cyan (40%)


Magenta (57%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.5018, 18.8900, 16.7002 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 21.5018, 18.8900, 16.7002 by changing the saturation by 10% instead.


 21.5018, 18.8900,
16.7002


 21.5018, 18.8900,
16.7002


252.6149,
245.8408, 245.4239


 13.6058, 11.5908,
9.8613


 45.4062, 41.5481,
38.5932

 7.9269, 6.4657,
5.2027


 62.1453, 57.6759,
54.4843

 4.0996, 3.1303,
2.3059

 82.5629, 77.5153,
74.2299

 1.7586, 1.2001,
0.7345

 107.0243,
101.4507, 98.2485

 0.4926, 0.0618,
0.0000

135.8949,
129.8666, 126.9586

 0.0000, 0.0000,
0.0000

169.5399,

163.1473, 160.7789

208.3248,
201.6773, 200.1278

■ 21.5018, 18.8900,
16.7002

■ 21.5018, 18.8900,
16.7002

■ 19.2819, 15.6480,
12.2676

■ 24.1429, 22.7425,
21.9880

■ 17.4601, 12.9828,
8.6441

■ 27.2239, 27.2318,
28.1713

■ 16.0133, 10.8612,
5.7813

■ 30.7639, 32.3859,
35.2893

■ 14.9153, 9.2460,
3.6249

■ 34.7809, 38.2302,
43.3785

■ 14.1368, 8.0950,
2.1138

■ 39.2914, 44.7888,
52.4736

■ 13.6435, 7.3592,
1.1761

■ 44.3116, 52.0849,
62.6074

■ 13.3661, 6.9476,
0.6423

■ 49.8567, 60.1402,
73.8113

■ 13.3629, 6.9429,
0.6358

■ 55.9411, 68.9760,
86.1153

■ 62.5791, 78.6124,
99.5484

Harmonies

Analogous

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



21.8142, 18.8900, 21.7842



21.5018, 18.8900, 16.7002



20.2095, 18.8900, 13.2877

Triad

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



21.5018, 18.8900, 16.7002



15.1899, 18.8900, 14.9656



17.5410, 18.8900, 32.7442

Complementary

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



21.5018, 18.8900, 16.7002



23.4079, 28.3027, 34.8011

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.



15.8736, 18.8900, 30.1149



21.5018, 18.8900, 16.7002



14.5791, 18.8900, 19.3979

Square

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



21.5018, 18.8900, 16.7002



16.5475, 18.8900, 12.4159



14.8203, 18.8900, 24.9911



19.4388, 18.8900, 31.6796

Rectangle

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



21.5018, 18.8900, 16.7002



19.0120, 18.8900, 12.1148



14.8203, 18.8900, 24.9911



16.9368, 18.8900, 32.2499

Sweetspot

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



21.5023, 18.8909, 16.7006



49.8704, 50.0749, 52.0113



24.4581, 19.9029, 32.7907



11.1015, 11.0627, 11.3980



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.5023, 18.8909, 16.7006



36.2168, 30.1643, 24.6572



24.2529, 24.3922, 17.6175



6.2191, 6.2432, 6.4831



10.8906, 5.6636, 0.5192



0.1653, 0.0897, 0.0086

Inverse Universe

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



23.4079, 28.3027, 34.8011



40.2617, 50.1473, 63.0937



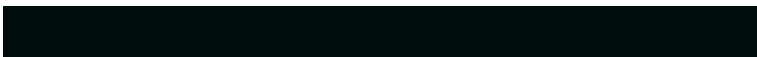
20.0309, 21.5488, 33.6754



6.3730, 7.0034, 7.9449



13.7249, 19.8465, 28.0151



0.2083, 0.3029, 0.4199

Previews

White Background



This preview shows how the XYZ color 21.5018, 18.8900, 16.7002 looks on a white background.

Color Contrast Check

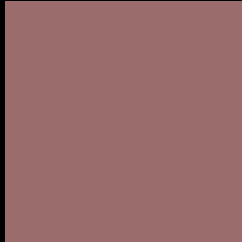
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.5018, 18.8900, 16.7002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

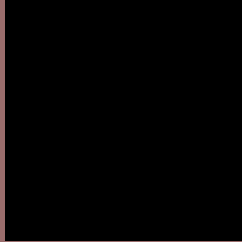
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5018, 18.8900, 16.7002

Background



This preview shows how black text looks on a background with the XYZ color 21.5018, 18.8900, 16.7002.



This preview shows how white text looks on a background with the XYZ color 21.5018, 18.8900,

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

21.5018, 18.8900, 16.7002

Protanopia

18.0659, 18.9329, 18.6218

Deuteranopia

19.2158, 18.8707, 16.5395



Tritanopia

22.0325, 18.9546, 19.0204

Trichromacy



Original Color

21.5018, 18.8900, 16.7002

Protanomaly

19.1617, 18.8115, 17.9503

Deuteranomaly

19.8867, 18.7114, 16.4734

Tritanomaly

21.8608, 18.8859, 18.1159

Monochromacy



Original Color

21.5018, 18.8900, 16.7002

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.4037, 19.0753, 19.4888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5018, 18.8900, 16.7002 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(154, 109, 108)` looks like.

```
.text, #text, p{  
    color:rgb(154, 109, 108)  
}
```

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(154, 109, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 109, 108) }
```

Border

The CSS property to change the border of an element to XYZ 21.5018, 18.8900, 16.7002 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(154, 109, 108) }
```


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

```
.border{ border-color:rgb(154, 109, 108) }
```

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

Here you see how a box with a 4 pixel rgb(154, 109, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 109, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 109, 108);  
box-shadow:4px 4px 4px 4px rgb(154, 109,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5018, 18.8900, 16.7002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 109, 108) }
```

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

```
.background{ background-color: rgb(154,  
109, 108) }
```

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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