

Converting Colors

XYZ(22.0421, 18.1219, 15.2436)

Have a look what the booklet for
XYZ(22.0421, 18.1219, 15.2436)
contains.

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Color

**XYZ(22.0998, 18.1634,
15.1731)**

Conversions

Conversions Part 1

Format	Color
Hex	A26667
RGB	162, 102, 103
RGB Percent	64%, 40%, 40%
CMY	0.3647, 0.6000, 0.5961
CMYK	0.00, 0.37, 0.36, 0.36
HSL	359°, 24%, 52%
HSV	359°, 37%, 64%
XYZ	22.0998, 18.1634, 15.1731
YIQ	120.0540, 35.4390, 13.0310

Conversions

Conversions Part 2

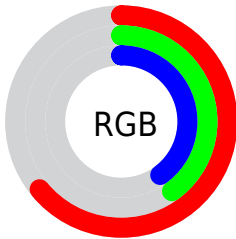
Format	Color
R_{YB}	162, 102, 103
Decimal	10643047
CIE _{Lab}	49.69, 24.30, 9.58
CIE _{LCh}	50, 26.115, 21.510
Yxy	18.1634, 0.3987, 0.3276
Android (android.graphics.Color)	4288833127 (0xFFA26667)
YUV	120.0540, -8.4076, 36.7866
Hunter-Lab	42.6185, 17.9785, 8.7245

Details

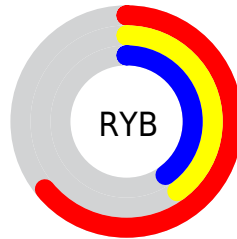
The XYZ color **22.0998, 18.1634, 15.1731** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.8336, 31.2389, 38.4406**, and the grayscale version is **17.8884, 18.8200, 20.4950**.

A 20% lighter version of the original color is **46.3018, 40.3497, 35.9198**, and **8.2173, 6.1120, 4.4880** is the 20% darker color. If you saturate the color by 10%, you get **19.9356, 14.9950, 10.8754**, and if you desaturate by 10%, it is **24.7285, 22.0167, 20.3776**.

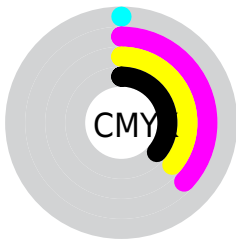
Distribution



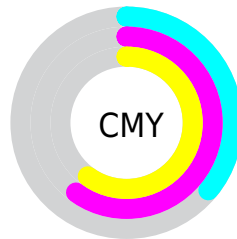
- Red (64%)
- Green (40%)
- Blue (40%)



- Red (64%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (37%)
- Yellow (36%)
- Black (36%)





- Cyan (36%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.0998, 18.1634, 15.1731 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 22.0998, 18.1634, 15.1731 by changing the saturation by 10% instead.


 22.0998, 18.1634,
15.1731


 22.0998, 18.1634,
15.1731


255.6896,
241.7904, 236.0883


 14.0473, 11.0674,
8.7930


 46.3885, 40.3156,
35.9032


 8.2355, 6.1122,
4.5114


 63.3554, 56.1405,
51.0902

 4.2991, 2.9134,
1.9099

 84.0245, 75.6438,
70.0499

 1.8727, 1.0867,
0.4990

 108.7610, 99.2099,
93.2009

 0.5609, 0.0000,
0.0000

137.9305,
127.2233, 120.9617

 0.0000, 0.0000,
0.0000

171.8981,

160.0682, 153.7509

211.0294,
198.1291, 191.9869

■ 22.0998, 18.1634,
15.1731

■ 22.0998, 18.1634,
15.1731

■ 19.9356, 14.9950,
10.8754

■ 24.7285, 22.0167,
20.3776

■ 18.2075, 12.4691,
7.4318

■ 27.8449, 26.5890,
26.5357

■ 16.8864, 10.5424,
4.7855


■ 31.4725, 31.9151,
33.6919


■ 15.9390, 9.1656,
2.8727


■ 35.6328, 38.0270,
41.8878


■ 15.3266, 8.2811,
1.6195


■ 40.3461, 44.9547,
51.1627

 14.9930, 7.8019,
0.9286

 45.6316, 52.7267,
61.5537

 14.9150, 7.6872,
0.7749

 51.5076, 61.3700,
73.0962

 57.9916, 70.9105,
85.8241

 65.1004, 81.3730,
99.7698

Harmonies

Analogous

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



22.4320, 18.1634, 21.8659



22.0998, 18.1634, 15.1731



20.4104, 18.1634, 10.8857

Triad

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



22.0998, 18.1634, 15.1731



13.7885, 18.1634, 12.4263



16.5682, 18.1634, 36.6263

Complementary

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



22.0998, 18.1634, 15.1731



24.8336, 31.2389, 38.4406

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.



14.4584, 18.1634, 32.5327



22.0998, 18.1634, 15.1731



12.9574, 18.1634, 17.8253

Square

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



22.0998, 18.1634, 15.1731



15.5709, 18.1634, 9.5848



13.1903, 18.1634, 25.2287



19.0750, 18.1634, 35.4289

Rectangle

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



22.0998, 18.1634, 15.1731



18.8233, 18.1634, 9.4335



13.1903, 18.1634, 25.2287



15.7928, 18.1634, 35.7939

Sweetspot

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



22.1003, 18.1643, 15.1735



54.2714, 53.7327, 55.5159



25.9713, 19.6893, 36.6139



11.9993, 11.7894, 12.0941



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.1003, 18.1643, 15.1735



36.9853, 28.3835, 21.3210



25.4153, 24.8739, 16.0332



7.0783, 7.0878, 7.3988



11.7521, 6.0569, 0.6190



0.2483, 0.1278, 0.0201

Inverse Universe

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



22.1003, 18.1643, 15.1735



36.9853, 28.3835, 21.3210



20.3894, 22.2093, 37.3945



7.0783, 7.0878, 7.3988



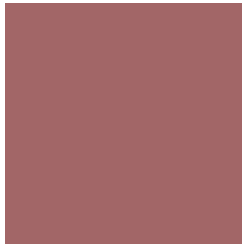
11.7521, 6.0569, 0.6190



0.2483, 0.1278, 0.0201

Previews

White Background



This preview shows how the XYZ color 22.0998, 18.1634, 15.1731 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 22.0998, 18.1634, 15.1731 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 22.0998, 18.1634, 15.1731

Background



This preview shows how black text looks on a background with the XYZ color 22.0998, 18.1634, 15.1731.



This preview shows how white text looks on a background with the XYZ color 22.0998, 18.1634,

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

22.0998, 18.1634, 15.1731

Protanopia

17.3737, 18.2421, 17.6443

Deuteranopia

18.5196, 18.2085, 14.8504



Tritanopia

22.5183, 18.1980, 16.7937

Trichromacy



Original Color

22.0998, 18.1634, 15.1731

Protanomaly

18.8175, 17.9894, 16.6679

Deuteranomaly

19.6513, 18.1309, 15.0343

Tritanomaly

22.4118, 18.1554, 16.2330

Monochromacy



Original Color

22.0998, 18.1634, 15.1731

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.9341, 18.1761, 18.4300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0998, 18.1634, 15.1731 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(162, 102, 103)` looks like.

```
.text, #text, p{  
    color:rgb(162, 102, 103)  
}
```

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(162, 102, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 102, 103) }
```

Border

The CSS property to change the border of an element to XYZ 22.0998, 18.1634, 15.1731 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(162, 102, 103) }
```


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

```
.border{ border-color:rgb(162, 102, 103) }
```

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

Here you see how a box with a 4 pixel rgb(162, 102, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 102, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 102, 103);  
box-shadow:4px 4px 4px 4px rgb(162, 102,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0998, 18.1634, 15.1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 102, 103) }
```

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

```
.background{ background-color: rgb(162,  
102, 103) }
```

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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