

Converting Colors

XYZ(24.1065, 18.4222, 18.2049)

Have a look what the booklet for
XYZ(24.1065, 18.4222, 18.2049)
contains.

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Color

**XYZ(24.1065, 18.4222,
18.2049)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6172
RGB	171, 97, 114
RGB Percent	67%, 38%, 45%
CMY	0.3294, 0.6196, 0.5529
CMYK	0.00, 0.43, 0.33, 0.33
HSL	346°, 31%, 53%
HSV	346°, 43%, 67%
XYZ	24.1065, 18.4222, 18.2049
YIQ	121.0640, 38.6470, 20.9750

Conversions

Conversions Part 2

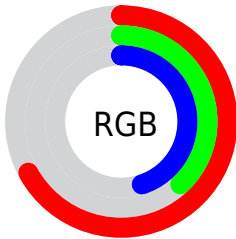
Format	Color
R_{YB}	171, 97, 114
Decimal	11231602
CIE Lab	50.00, 32.00, 3.62
CIE LCh	50, 32.199, 6.454
Yxy	18.4222, 0.3969, 0.3033
Android (android.graphics.Color)	4289421682 (0xFFAB6172)
YUV	121.0640, -3.4826, 43.7939
Hunter-Lab	42.9211, 25.1421, 4.8970

Details

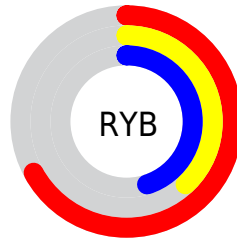
The XYZ color **24.1065, 18.4222, 18.2049** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.3262, 34.0006, 35.8015**, and the grayscale version is **18.1973, 19.1449, 20.8488**.

A 20% lighter version of the original color is **49.6253, 40.7420, 41.3249**, and **9.2428, 6.2203, 5.8677** is the 20% darker color. If you saturate the color by 10%, you get **21.9968, 15.3175, 14.0651**, and if you desaturate by 10%, it is **26.6658, 22.2530, 23.0277**.

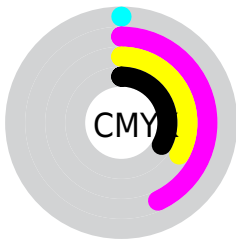
Distribution



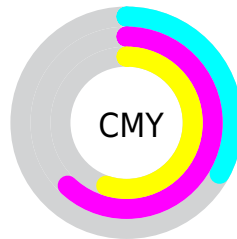
- Red (67%)
- Green (38%)
- Blue (45%)



- Red (67%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (43%)
- Yellow (33%)
- Black (33%)





- Cyan (33%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1065, 18.4222, 18.2049 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 24.1065, 18.4222, 18.2049 by changing the saturation by 10% instead.


 24.1065, 18.4222,
18.2049


 24.1065, 18.4222,
18.2049


265.7890,
243.2401, 254.2982


 15.5378, 11.2535,
10.9262


 49.6573, 40.7554,
41.2048


 9.2865, 6.2376,
5.9037


 67.3702, 56.6888,
57.7631

 4.9871, 2.9901,
2.7188


 88.8618, 76.3125,
78.2517

 2.2744, 1.1266,
0.9529

 114.4976,
100.0110, 103.0892

 0.7815, 0.0005,
0.0000

144.6428,
128.1686, 132.6940

 0.0000, 0.0000,
0.0000

179.6629,

161.1697, 167.4848

219.9232,
199.3987, 207.8800

■ 24.1065, 18.4222,
18.2049

■ 24.1065, 18.4222,
18.2049

■ 21.9968, 15.3175,
14.0651

■ 26.6658, 22.2530,
23.0277

■ 20.3085, 12.8902,
10.5757

■ 29.6975, 26.8492,
28.5618

■ 19.0125, 11.0899,
7.7029


■ 33.2250, 32.2505,
34.8354


■ 18.0750, 9.8577,
5.4091


■ 37.2692, 38.4930,
41.8747


■ 17.4565, 9.1236,
3.6524


■ 41.8502, 45.6106,
49.7044

 17.1654, 8.8062,
2.7387

 46.9869, 53.6354,
58.3484

 52.6971, 62.5978,
67.8294

 58.9979, 72.5269,
78.1693

 65.9059, 83.4503,
89.3890

Harmonies

Analogous

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



23.5450, 18.4222, 27.6582



24.1065, 18.4222, 18.2049



22.7401, 18.4222, 11.5473

Triad

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



24.1065, 18.4222, 18.2049



14.2095, 18.4222, 9.2440



15.2405, 18.4222, 40.0664

Complementary

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



24.1065, 18.4222, 18.2049



25.3262, 34.0006, 35.8015

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.



13.1500, 18.4222, 31.9717



24.1065, 18.4222, 18.2049



12.6055, 18.4222, 13.9967

Square

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



24.1065, 18.4222, 18.2049



16.8499, 18.4222, 7.4510



12.2417, 18.4222, 22.0341



18.1866, 18.4222, 42.1797

Rectangle

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



24.1065, 18.4222, 18.2049



21.0048, 18.4222, 8.9514



12.2417, 18.4222, 22.0341



14.4256, 18.4222, 37.8588

Sweetspot

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



24.1070, 18.4231, 18.2053



59.5329, 57.8031, 62.4389



24.9017, 18.3345, 40.7545



12.9546, 12.3963, 13.3574



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.1070, 18.4231, 18.2053



39.5154, 27.6079, 25.4312



25.2831, 22.1824, 14.2595



8.0778, 8.0444, 8.7205



12.9575, 6.6455, 2.1556



0.3811, 0.1931, 0.1686

Inverse Universe

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



24.1070, 18.4231, 18.2053



39.5154, 27.6079, 25.4312



23.3907, 27.7015, 42.6421



8.0778, 8.0444, 8.7205



12.9575, 6.6455, 2.1556



0.3811, 0.1931, 0.1686

Previews

White Background



This preview shows how the XYZ color 24.1065, 18.4222, 18.2049 looks on a white background.

Color Contrast Check

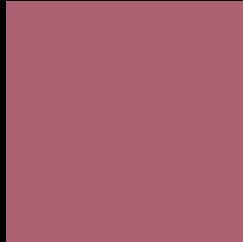
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1065, 18.4222, 18.2049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

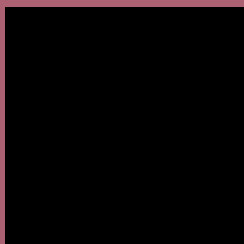
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1065, 18.4222, 18.2049

Background



This preview shows how black text looks on a background with the XYZ color 24.1065, 18.4222, 18.2049.



This preview shows how white text looks on a background with the XYZ color 24.1065, 18.4222,

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

24.1065, 18.4222, 18.2049

Protanopia

18.1084, 18.6931, 22.3924

Deuteranopia

18.8315, 18.4775, 17.6129



Tritanopia

23.5468, 18.3220, 15.9311

Trichromacy



Original Color

24.1065, 18.4222, 18.2049

Protanomaly

19.8448, 18.2630, 20.8915

Deuteranomaly

20.3198, 18.0980, 17.7515

Tritanomaly

23.7056, 18.3855, 16.7673

Monochromacy



Original Color

24.1065, 18.4222, 18.2049

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.7116, 18.3853, 19.6493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1065, 18.4222, 18.2049 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(171, 97, 114)` looks like.

```
.text, #text, p{  
    color:rgb(171, 97, 114)  
}
```

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(171, 97, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 97, 114) }
```

Border

The CSS property to change the border of an element to XYZ 24.1065, 18.4222, 18.2049 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(171, 97, 114) }
```


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

```
.border{ border-color:rgb(171, 97, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 97, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 97, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 97, 114);  
box-shadow:4px 4px 4px 4px rgb(171, 97,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1065, 18.4222, 18.2049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 97, 114) }
```

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

```
.background{ background-color: rgb(171, 97,  
114) }
```

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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