

Converting Colors

XYZ(24.0130, 18.9165, 19.2153)

Have a look what the booklet for
XYZ(24.0130, 18.9165, 19.2153)
contains.

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Color

**XYZ(24.0130, 18.9165,
19.2153)**

Conversions

Conversions Part 1

Format	Color
Hex	A86575
RGB	168, 101, 117
RGB Percent	66%, 40%, 46%
CMY	0.3412, 0.6039, 0.5412
CMYK	0.00, 0.40, 0.30, 0.34
HSL	346°, 28%, 53%
HSV	346°, 40%, 66%
XYZ	24.0130, 18.9165, 19.2153
YIQ	122.8570, 34.7960, 19.1800

Conversions

Conversions Part 2

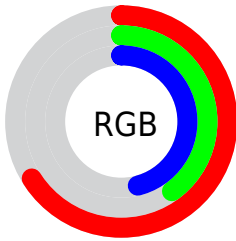
Format	Color
R_{YB}	168, 101, 117
Decimal	11036021
CIE _{Lab}	50.59, 29.06, 2.63
CIE _{LCh}	51, 29.182, 5.164
Yxy	18.9165, 0.3864, 0.3044
Android (android.graphics.Color)	4289226101 (0xFFA86575)
YUV	122.8570, -2.8875, 39.5904
Hunter-Lab	43.4931, 22.4388, 4.2508

Details

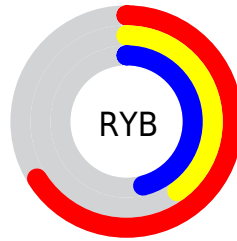
The XYZ color **24.0130, 18.9165, 19.2153** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0378, 33.0394, 34.7649**, and the grayscale version is **18.7812, 19.7593, 21.5179**.

A 20% lighter version of the original color is **49.6040, 41.6546, 42.9618**, and **9.2416, 6.4631, 6.3906** is the 20% darker color. If you saturate the color by 10%, you get **21.8442, 15.7010, 15.0326**, and if you desaturate by 10%, it is **26.6190, 22.8417, 24.0510**.

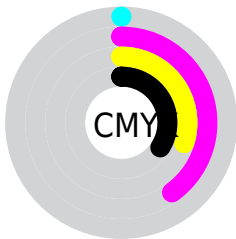
Distribution



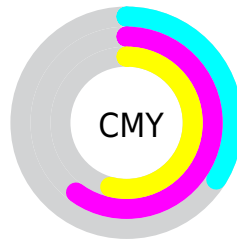
- Red (66%)
- Green (40%)
- Blue (46%)



- Red (66%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (40%)
- Yellow (30%)
- Black (34%)





- Cyan (34%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0130, 18.9165, 19.2153 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 24.0130, 18.9165, 19.2153 by changing the saturation by 10% instead.


 24.0130, 18.9165,
19.2153


 24.0130, 18.9165,
19.2153


265.3254,
245.9874, 260.0970


 15.4681, 11.6100,
11.6476


 49.5059, 41.5930,
42.9391


 9.2370, 6.4787,
6.3846


 67.1846, 57.7317,
59.9323

 4.9544, 3.1383,
3.0078

 88.6386, 77.5832,
80.9044

 2.2550, 1.2043,
1.0986

 114.2333,
101.5320, 106.2739

 0.7715, 0.0652,
0.0000

144.3339,
129.9624, 136.4593

 0.0000, 0.0000,
0.0000

179.3059,

163.2589, 171.8793

219.5147,
201.8057, 212.9524

■ 24.0130, 18.9165,
19.2153

■ 24.0130, 18.9165,
19.2153

■ 21.8442, 15.7010,
15.0326

■ 26.6190, 22.8417,
24.0510

■ 20.0864, 13.1501,
11.4731

■ 29.6834, 27.5130,
29.5655

■ 18.7131, 11.2173,
8.5065


■ 33.2275, 32.9673,
35.7842


■ 17.6938, 9.8493,
6.0990

■ 37.2713, 39.2386,
42.7312


■ 16.9929, 8.9834,
4.2135


■ 41.8331, 46.3585,
50.4293


 16.5383, 8.4843,
2.7975

 46.9308, 54.3572,
58.9003

 16.5334, 8.4788,
2.7828

 52.5810, 63.2633,
68.1650

 58.7998, 73.1042,
78.2437

 65.6027, 83.9060,
89.1555

Harmonies

Analogous

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



23.4297, 18.9165, 27.9229



24.0130, 18.9165, 19.2153



22.8457, 18.9165, 12.8111

Triad

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



24.0130, 18.9165, 19.2153



15.0026, 18.9165, 10.2405



15.7731, 18.9165, 38.3906

Complementary

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



24.0130, 18.9165, 19.2153



25.0378, 33.0394, 34.7649

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.



13.8587, 18.9165, 31.0308



24.0130, 18.9165, 19.2153



13.4478, 18.9165, 14.6793

Square

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



24.0130, 18.9165, 19.2153



17.4905, 18.9165, 8.5804



13.0522, 18.9165, 22.0431



18.4777, 18.9165, 40.5326

Rectangle

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



24.0130, 18.9165, 19.2153



21.2976, 18.9165, 10.2081



13.0522, 18.9165, 22.0431



15.0254, 18.9165, 36.3644

Sweetspot

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



24.0135, 18.9174, 19.2157



58.7101, 57.3755, 62.1760



24.5312, 18.7387, 39.3699



12.6192, 12.2324, 13.2424



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.



24.0135, 18.9174, 19.2157



39.9978, 29.0184, 27.9842



24.9471, 22.1633, 15.2761



7.6018, 7.5706, 8.2204



12.5027, 6.4098, 2.1929



0.3234, 0.1636, 0.1544

Inverse Universe

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



24.0135, 18.9174, 19.2157



39.9978, 29.0184, 27.9842



23.5423, 27.8083, 41.1726



7.6018, 7.5706, 8.2204



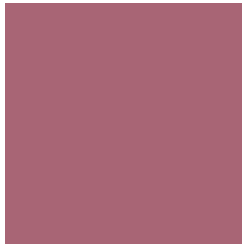
12.5027, 6.4098, 2.1929



0.3234, 0.1636, 0.1544

Previews

White Background



This preview shows how the XYZ color 24.0130, 18.9165, 19.2153 looks on a white background.

Color Contrast Check

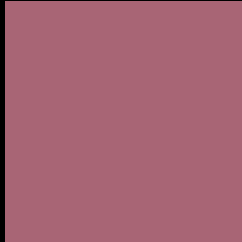
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0130, 18.9165, 19.2153 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 24.0130, 18.9165, 19.2153

Background



This preview shows how black text looks on a background with the XYZ color 24.0130, 18.9165, 19.2153.



This preview shows how white text looks on a background with the XYZ color 24.0130, 18.9165,

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

24.0130, 18.9165, 19.2153

Protanopia

18.4979, 19.0564, 23.1254

Deuteranopia

19.3902, 19.0884, 18.5820



Tritanopia

23.5022, 18.8440, 17.1504

Trichromacy



Original Color

24.0130, 18.9165, 19.2153

Protanomaly

20.0245, 18.6688, 21.6168

Deuteranomaly

20.8116, 18.8097, 18.7534

Tritanomaly

23.6684, 18.9105, 18.0254

Monochromacy



Original Color

24.0130, 18.9165, 19.2153

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.2294, 19.1309, 20.7156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0130, 18.9165, 19.2153 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, 101, 117)` looks like.

```
.text, #text, p{  
    color:rgb(168, 101, 117)  
}
```

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, 101, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 101, 117) }
```

Border

The CSS property to change the border of an element to XYZ 24.0130, 18.9165, 19.2153 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, 101, 117) }
```


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

```
.border{ border-color:rgb(168, 101, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 101, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 101, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 101, 117);  
box-shadow:4px 4px 4px 4px rgb(168, 101,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0130, 18.9165, 19.2153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 101, 117) }
```

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

```
.background{ background-color: rgb(168,  
101, 117) }
```

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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