

Converting Colors

XYZ(24.8978, 16.0930, 19.7374)

Have a look what the booklet for
XYZ(24.8978, 16.0930, 19.7374)
contains.

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Color

**XYZ(24.9560, 16.1018,
19.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	B54A79
RGB	181, 74, 121
RGB Percent	71%, 29%, 47%
CMY	0.2902, 0.7098, 0.5255
CMYK	0.00, 0.59, 0.33, 0.29
HSL	334°, 42%, 50%
HSV	334°, 59%, 71%
XYZ	24.9560, 16.1018, 19.8818
YIQ	111.3510, 48.6850, 37.3010

Conversions

Conversions Part 2

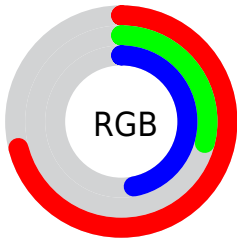
Format	Color
R_{YB}	181, 74, 121
Decimal	11881081
CIE _{Lab}	47.11, 48.15, -4.66
CIE _{LCh}	47, 48.380, 354.474
Yxy	16.1018, 0.4095, 0.2642
Android (android.graphics.Color)	4290071161 (0xFFB54A79)
YUV	111.3510, 4.7570, 61.0822
Hunter-Lab	40.1270, 40.7912, -1.2876

Details

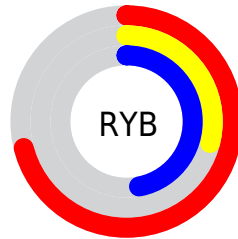
The XYZ color **24.9560, 16.1018, 19.8818** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.6519, 36.2252, 28.3019**, and the grayscale version is **15.1887, 15.9797, 17.4019**.

A 20% lighter version of the original color is **51.0674, 36.7211, 43.9315**, and **9.6856, 5.1078, 6.7787** is the 20% darker color. If you saturate the color by 10%, you get **23.3267, 13.7874, 16.4276**, and if you desaturate by 10%, it is **26.9993, 19.1392, 23.7975**.

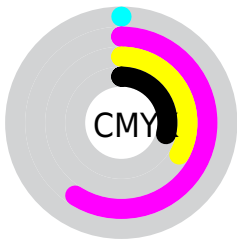
Distribution



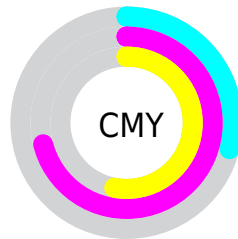
- Red (71%)
- Green (29%)
- Blue (47%)



- Red (71%)
- Yellow (29%)
- Blue (47%)



- Cyan (0%)
- Magenta (59%)
- Yellow (33%)
- Black (29%)



- Cyan (29%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9560, 16.1018, 19.8818 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 24.9560, 16.1018, 19.8818 by changing the saturation by 10% instead.


 24.9560, 16.1018,
19.8818


 24.9560, 16.1018,
19.8818


269.9704,
229.9417, 263.8575


 16.1728, 9.5962,
12.1259


 51.0292, 36.7748,
44.0753

 9.7382, 5.1321,
6.7059


 69.0500, 51.7111,
61.3500


 5.2866, 2.3250,
3.2032

 90.8807, 70.2264,
82.6347

 2.4529, 0.7869,
1.1993

 116.8867, 92.7050,
108.3480

 0.8716, 0.0000,
0.0000

 147.4333,
119.5315, 138.9084

 0.0000, 0.0000,
0.0000

182.8859,

151.0902, 174.7344

223.6098,
187.7654, 216.2446

■ 24.9560, 16.1018,
19.8818

■ 24.9560, 16.1018,
19.8818

■ 23.3267, 13.7874,
16.4276

■ 26.9993, 19.1392,
23.7975

■ 22.0773, 12.1313,
13.4131

■ 29.4844, 22.9522,
28.1929

■ 21.1700, 11.0614,
10.8154

■ 32.4378, 27.5911,
33.0864

■ 20.5363, 10.4437,
8.6007

■ 35.8838, 33.1014,
38.4945

■ 20.4856, 10.3956,
8.4197

■ 39.8447, 39.5252,
44.4334

■ 44.3416, 46.9018,
50.9181

■ 49.3943, 55.2682,
57.9631

■ 55.0215, 64.6595,
65.5824

■ 61.2410, 75.1090,
73.7893

Harmonies

Analogous

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



22.9585, 16.1018, 34.9345



24.9560, 16.1018, 19.8818



24.0044, 16.1018, 9.5186

Triad

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



24.9560, 16.1018, 19.8818



12.1644, 16.1018, 3.6989



11.0328, 16.1018, 44.2837

Complementary

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



24.9560, 16.1018, 19.8818



23.6519, 36.2252, 28.3019

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.



9.0103, 16.1018, 29.1152



24.9560, 16.1018, 19.8818



9.5740, 16.1018, 7.1516

Square

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



24.9560, 16.1018, 19.8818



16.1041, 16.1018, 3.0367



8.5303, 16.1018, 15.3753



14.5314, 16.1018, 52.6319

Rectangle

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



24.9560, 16.1018, 19.8818



21.9019, 16.1018, 5.7217



8.5303, 16.1018, 15.3753



10.1856, 16.1018, 39.5503

Sweetspot

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



24.9565, 16.1026, 19.8821



64.8082, 60.1561, 69.7707



20.4393, 13.2092, 45.1884



13.5995, 12.3455, 14.4531



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.9565, 16.1026, 19.8821



41.0204, 23.6614, 27.6801



23.1140, 15.9617, 8.3423



8.6462, 8.5652, 9.6355



14.1560, 7.1800, 5.9817



0.4749, 0.2377, 0.3436

Inverse Universe

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



24.9565, 16.1026, 19.8821



41.0204, 23.6614, 27.6801



26.6218, 35.7060, 49.2048



8.6462, 8.5652, 9.6355



14.1560, 7.1800, 5.9817



0.4749, 0.2377, 0.3436

Previews

White Background



This preview shows how the XYZ color 24.9560, 16.1018, 19.8818 looks on a white background.

Color Contrast Check

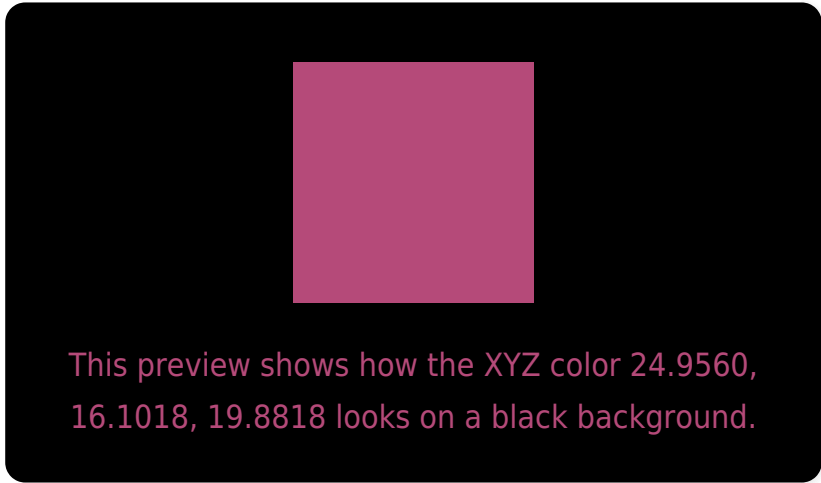
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

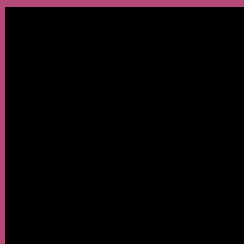
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.9560, 16.1018, 19.8818

Background



This preview shows how black text looks on a background with the XYZ color 24.9560, 16.1018, 19.8818.



This preview shows how white text looks on a background with the XYZ color 24.9560, 16.1018,

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

24.9560, 16.1018, 19.8818

Protanopia

16.3888, 16.2968, 29.0699

Deuteranopia

16.6471, 16.3358, 18.7987



Tritanopia

23.0228, 16.0380, 10.8990

Trichromacy



Original Color

24.9560, 16.1018, 19.8818

Protanomaly

18.1717, 15.3382, 25.2954

Deuteranomaly

18.7806, 15.5134, 19.1441

Tritanomaly

23.5669, 15.9333, 13.6377

Monochromacy



Original Color

24.9560, 16.1018, 19.8818

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.6155, 15.2074, 18.2265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9560, 16.1018, 19.8818 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(181, 74, 121)` looks like.

```
.text, #text, p{  
  color:rgb(181, 74, 121)  
}
```

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(181, 74, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 74, 121) }
```

Border

The CSS property to change the border of an element to XYZ 24.9560, 16.1018, 19.8818 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(181, 74, 121) }
```


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

```
.border{ border-color:rgb(181, 74, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 74, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 74, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 74, 121);  
box-shadow:4px 4px 4px 4px rgb(181, 74,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9560, 16.1018, 19.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 74, 121) }
```

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

```
.background{ background-color: rgb(181, 74,  
121) }
```

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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