

Converting Colors

XYZ(24.8423, 19.5718, 19.4250)

Have a look what the booklet for
XYZ(24.8423, 19.5718, 19.4250)
contains.

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Color

**XYZ(24.8557, 19.6428,
19.3110)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AB6775 |
| RGB | 171, 103, 117 |
| RGB Percent | 67%, 40%, 46% |
| CMY | 0.3294, 0.5961, 0.5412 |
| CMYK | 0.00, 0.40, 0.32, 0.33 |
| HSL | 348°, 29%, 54% |
| HSV | 348°, 40%, 67% |
| XYZ | 24.8557, 19.6428, 19.3110 |
| YIQ | 124.9280, 36.0340, 18.7700 |

Conversions

Conversions Part 2

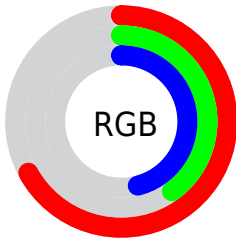
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 171, 103, 117 |
| Decimal | 11233141 |
| CIE _{Lab} | 51.43, 29.09, 3.89 |
| CIE _{LCh} | 51, 29.350, 7.619 |
| Yxy | 19.6428, 0.3895, 0.3078 |
| Android (android.graphics.Color) | 4289423221 (0xFFAB6775) |
| YUV | 124.9280, -3.9085, 40.4051 |
| Hunter-Lab | 44.3202, 22.5462, 5.1906 |

Details

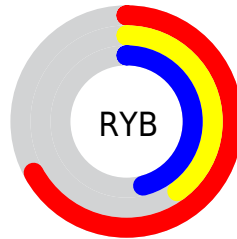
The XYZ color **24.8557, 19.6428, 19.3110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2431, 34.4441, 37.1654**, and the grayscale version is **19.4735, 20.4877, 22.3111**.

A 20% lighter version of the original color is **50.8777, 42.8012, 43.1160**, and **9.7295, 6.8499, 6.4396** is the 20% darker color. If you saturate the color by 10%, you get **22.5841, 16.2861, 14.8961**, and if you desaturate by 10%, it is **27.5920, 23.7435, 24.4528**.

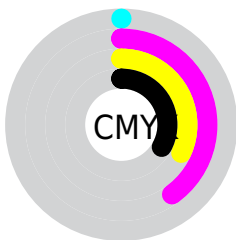
Distribution



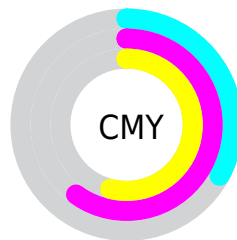
- Red (67%)
- Green (40%)
- Blue (46%)



- Red (67%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (40%)
- Yellow (32%)
- Black (33%)




- Cyan (33%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8557, 19.6428, 19.3110 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 24.8557, 19.6428, 19.3110 by changing the saturation by 10% instead.


 24.8557, 19.6428,
19.3110


 24.8557, 19.6428,
19.3110


269.4795,
249.9748, 260.6400


 16.0977, 12.1357,
11.7161


 50.8676, 42.8175,
43.1026


 9.6846, 6.8361,
6.4305


 68.8523, 59.2538,
60.1365

 5.2510, 3.3598,
3.0356

 90.6432, 79.4354,
81.1537

 2.4315, 1.3224,
1.1128

 116.6058,
103.7465, 106.5729

 0.8609, 0.1584,
0.0000

147.1053,
132.5716, 136.8126

 0.0000, 0.0000,
0.0000

182.5072,

166.2951, 172.2913

223.1768,
205.3014, 213.4276

■ 24.8557, 19.6428,
19.3110

■ 24.8557, 19.6428,
19.3110

■ 22.5841, 16.2861,
14.8961

■ 27.5920, 23.7435,
24.4528

■ 20.7494, 13.6257,
11.1736

■ 30.8158, 28.6261,
30.3514

■ 19.3230, 11.6131,
8.1081


■ 34.5499, 34.3296,
37.0364


■ 18.2723, 10.1922,
5.6601


■ 38.8155, 40.8895,
44.5356


■ 17.5594, 9.2973,
3.7858


■ 43.6324, 48.3391,
52.8753


 17.1101, 8.7912,
2.4259

 49.0196, 56.7100,
62.0805

 17.1009, 8.7805,
2.3990

 54.9950, 66.0323,
72.1754

 61.5757, 76.3346,
83.1831

 68.1675, 86.4231,
94.9224

Harmonies

Analogous

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



24.4033, 19.6428, 28.1671



24.8557, 19.6428, 19.3110



23.5177, 19.6428, 12.9455

Triad

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



24.8557, 19.6428, 19.3110



15.4259, 19.6428, 10.9520



16.5981, 19.6428, 40.1342

Complementary

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



24.8557, 19.6428, 19.3110



26.2431, 34.4441, 37.1654

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.



14.5387, 19.6428, 32.8772



24.8557, 19.6428, 19.3110



13.9131, 19.6428, 15.7940

Square

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



24.8557, 19.6428, 19.3110



17.9300, 19.6428, 9.0148



13.6063, 19.6428, 23.6081



19.4299, 19.6428, 41.7953

Rectangle

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



24.8557, 19.6428, 19.3110



21.8656, 19.6428, 10.4174



13.6063, 19.6428, 23.6081



15.8018, 19.6428, 38.1909

Sweetspot

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



24.8562, 19.6438, 19.3114



60.1528, 58.8417, 63.2655



25.9636, 19.7364, 40.9691



13.2224, 12.8285, 13.7662



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.



24.8562, 19.6438, 19.3114



40.7859, 29.6643, 27.3489



26.2358, 23.6228, 16.0101



8.0702, 8.0413, 8.6803



12.9076, 6.6256, 1.8927



0.3781, 0.1919, 0.1528

Inverse Universe

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



24.8562, 19.6438, 19.3114



40.7859, 29.6643, 27.3489



24.1300, 28.1946, 42.6984



8.0702, 8.0413, 8.6803



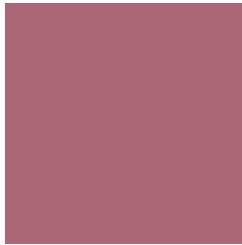
12.9076, 6.6256, 1.8927



0.3781, 0.1919, 0.1528

Previews

White Background



This preview shows how the XYZ color 24.8557, 19.6428, 19.3110 looks on a white background.

Color Contrast Check

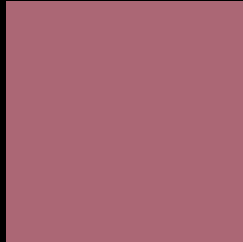
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8557, 19.6428, 19.3110 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 24.8557, 19.6428, 19.3110

Background



This preview shows how black text looks on a background with the XYZ color 24.8557, 19.6428, 19.3110.



This preview shows how white text looks on a background with the XYZ color 24.8557, 19.6428,

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

24.8557, 19.6428, 19.3110

Protanopia

19.1680, 19.7627, 23.2264

Deuteranopia

20.1153, 19.8118, 18.6835



Tritanopia

24.4525, 19.6165, 17.8268

Trichromacy



Original Color

24.8557, 19.6428, 19.3110

Protanomaly

20.7533, 19.3794, 21.7156

Deuteranomaly

21.5773, 19.5321, 18.8525

Tritanomaly

24.5651, 19.6616, 18.4199

Monochromacy



Original Color

24.8557, 19.6428, 19.3110

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.0295, 19.8785, 21.1409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8557, 19.6428, 19.3110 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, 103, 117)` looks like.

```
.text, #text, p{  
    color:rgb(171, 103, 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(171, 103, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 103, 117) }
```

Border

The CSS property to change the border of an element to XYZ 24.8557, 19.6428, 19.3110 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, 103, 117) }
```


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

```
.border{ border-color:rgb(171, 103, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 103, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 103, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 103, 117);  
box-shadow:4px 4px 4px 4px rgb(171, 103,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8557, 19.6428, 19.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 103, 117) }
```

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

```
.background{ background-color: rgb(171,  
103, 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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