

Converting Colors

XYZ(28.3412, 24.5005, 26.6104)

Have a look what the booklet for
XYZ(28.3412, 24.5005, 26.6104)
contains.

XYZ(28.1981, 24.3546, 26.5073)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.1981, 24.3546,
26.5073)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7A88
RGB	171, 122, 136
RGB Percent	67%, 48%, 53%
CMY	0.3294, 0.5216, 0.4667
CMYK	0.00, 0.29, 0.20, 0.33
HSL	343°, 23%, 57%
HSV	343°, 29%, 67%
XYZ	28.1981, 24.3546, 26.5073
YIQ	138.2470, 24.7100, 14.7420

Conversions

Conversions Part 2

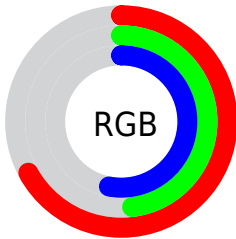
Format	Color
RYB	171, 122, 136
Decimal	11238024
CIELab	56.44, 21.23, 0.02
CIELCh	56, 21.229, 0.045
Yxy	24.3546, 0.3567, 0.3081
Android (android.graphics.Color)	4289428104 (0xFFAB7A88)
YUV	138.2470, -1.1078, 28.7244
Hunter-Lab	49.3504, 15.6292, 2.6992

Details

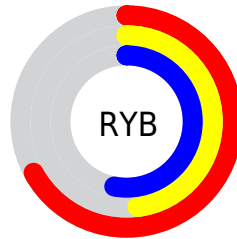
The XYZ color **28.1981, 24.3546, 26.5073** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.6758, 35.6984, 37.2792**, and the grayscale version is **24.2499, 25.5128, 27.7834**.

A 20% lighter version of the original color is **56.1938, 50.6650, 54.9617**, and **11.5335, 9.2885, 9.9891** is the 20% darker color. If you saturate the color by 10%, you get **25.4611, 20.1915, 21.5532**, and if you desaturate by 10%, it is **31.4049, 29.2984, 32.1067**.

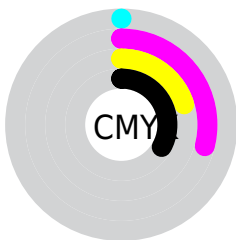
Distribution



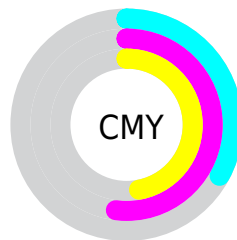
- Red (67%)
- Green (48%)
- Blue (53%)



- Red (67%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (20%)
- Black (33%)



- Cyan (33%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1981, 24.3546, 26.5073 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 28.1981, 24.3546, 26.5073 by changing the saturation by 10% instead.

■ 28.1981, 24.3546,
26.5073

■ 28.1981, 24.3546,
26.5073

285.4752,
274.6083, 298.9479

■ 18.6163, 15.5969,
16.9744

■ 56.2070, 50.6082,
55.0863

■ 11.4957, 9.2393,
10.0545

■ 75.3648, 68.8729,
74.9695

■ 6.4710, 4.8976,
5.3290

■ 98.4452, 91.0754,
99.1398

■ 3.1769, 2.1873,
2.3795

125.8137,
117.6001, 128.0159

■ 1.2480, 0.7131,
0.7752

157.8356,
148.8313, 162.0162

■ 0.1438, 0.0000,
0.0000

194.8763,

■ 0.0000, 0.0000,

185.1535, 201.5592

0.0000

237.3010,
226.9510, 247.0636

■ 28.1981, 24.3546,
26.5073

■ 28.1981, 24.3546,
26.5073

■ 25.4611, 20.1915,
21.5532

■ 31.4049, 29.2984,
32.1067

■ 23.1692, 16.7657,
17.2192

■ 35.1005, 35.0568,
38.3725

■ 21.2984, 14.0346,
13.4801

■ 39.3054, 41.6655,
45.3266

■ 19.8216, 11.9500,
10.3088

■ 44.0383, 49.1573,
52.9896

■ 18.7084, 10.4575,
7.6757

■ 49.3168, 57.5633,
61.3809

■ 17.9236, 9.4932,
5.5480

■ 55.1580, 66.9128,
70.5195

■ 17.4062, 8.9426,
3.8826

■ 61.5778, 77.2342,
80.4234

■ 17.3459, 8.8785,
3.6886

■ 67.3661, 86.1025,
90.7016

■ 69.1796, 86.8280,
100.2515

Harmonies

Analogous

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



27.4848, 24.3546, 33.8590



28.1981, 24.3546, 26.5073



27.4806, 24.3546, 20.3076

Triad

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



28.1981, 24.3546, 26.5073



20.8639, 24.3546, 16.4507



20.8699, 24.3546, 40.0438

Complementary

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



28.1981, 24.3546, 26.5073



28.6758, 35.6984, 37.2792

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.



19.2971, 24.3546, 33.8808



28.1981, 24.3546, 26.5073



19.2938, 24.3546, 20.3231

Square

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



28.1981, 24.3546, 26.5073



23.1446, 24.3546, 15.1642



18.7406, 24.3546, 26.5287



23.1521, 24.3546, 42.4686

Rectangle

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



28.1981, 24.3546, 26.5073



26.3147, 24.3546, 17.4445



18.7406, 24.3546, 26.5287



20.2467, 24.3546, 38.2926

Sweetspot

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



28.1988, 24.3557, 26.5078



62.5059, 62.2261, 68.1250



28.0796, 23.9585, 41.6729



13.7186, 13.5320, 14.8221



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.



28.1988, 24.3557, 26.5078



47.4871, 39.0197, 42.0592



28.5325, 26.5125, 22.0274



8.0958, 8.0516, 8.8154



13.0963, 6.7011, 2.8866



0.3881, 0.1959, 0.2056

Inverse Universe

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



28.1988, 24.3557, 26.5078



47.4871, 39.0197, 42.0592



28.1575, 32.6384, 43.3441



8.0958, 8.0516, 8.8154



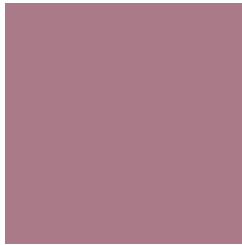
13.0963, 6.7011, 2.8866



0.3881, 0.1959, 0.2056

Previews

White Background



This preview shows how the XYZ color 28.1981, 24.3546, 26.5073 looks on a white background.

Color Contrast Check

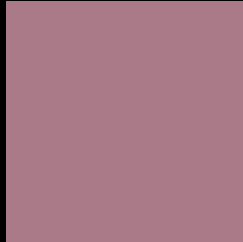
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1981, 24.3546, 26.5073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

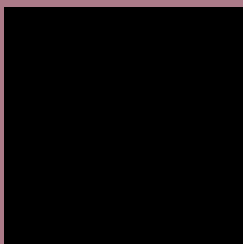
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1981, 24.3546, 26.5073

Background



This preview shows how black text looks on a background with the XYZ color 28.1981, 24.3546, 26.5073.



This preview shows how white text looks on a background with the XYZ color 28.1981, 24.3546,

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

28.1981, 24.3546, 26.5073

Protanopia

23.8514, 24.5758, 29.8721

Deuteranopia

24.8138, 24.3434, 25.9452



Tritanopia

28.0424, 24.4898, 25.0788

Trichromacy



Original Color

28.1981, 24.3546, 26.5073

Protanomaly

25.1848, 24.2779, 28.5580

Deuteranomaly

25.9970, 24.3557, 26.2526

Tritanomaly

28.1112, 24.5173, 25.4410

Monochromacy



Original Color

28.1981, 24.3546, 26.5073

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.3443, 24.7927, 27.1166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1981, 24.3546, 26.5073 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, 122, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 122, 136)  
}
```

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, 122, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 122, 136) }
```

Border

The CSS property to change the border of an element to XYZ 28.1981, 24.3546, 26.5073 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, 122, 136) }
```


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

```
.border{ border-color:rgb(171, 122, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 122, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 122, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 122, 136);  
box-shadow:4px 4px 4px 4px rgb(171, 122,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1981, 24.3546, 26.5073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 122, 136) }
```

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

```
.background{ background-color: rgb(171,  
122, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor