

Converting Colors

XYZ(30.8670, 25.9549, 21.9870)

Have a look what the booklet for
XYZ(30.8670, 25.9549, 21.9870)
contains.

| | |
|--|----|
| XYZ(30.9078, 26.0351, 22.1351) | 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(30.9078, 26.0351,
22.1351)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BA7B7B |
| RGB | 186, 123, 123 |
| RGB Percent | 73%, 48%, 48% |
| CMY | 0.2706, 0.5176, 0.5176 |
| CMYK | 0.00, 0.34, 0.34, 0.27 |
| HSL | 0°, 31%, 61% |
| HSV | 0°, 34%, 73% |
| XYZ | 30.9078, 26.0351, 22.1351 |
| YIQ | 141.8370, 37.5480, 13.3560 |

Conversions

Conversions Part 2

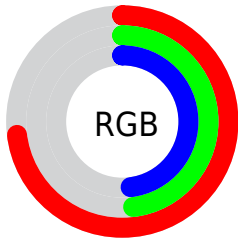
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 186, 123, 123 |
| Decimal | 12221307 |
| CIE Lab | 58.07, 24.56, 10.11 |
| CIE LCh | 58, 26.562, 22.368 |
| Yxy | 26.0351, 0.3909, 0.3292 |
| Android (android.graphics.Color) | 4290411387 (0xFFBA7B7B) |
| YUV | 141.8370, -9.2866, 38.7310 |
| Hunter-Lab | 51.0246, 18.8321, 9.9965 |

Details

The XYZ color **30.9078, 26.0351, 22.1351** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.5894, 42.8722, 52.9065**, and the grayscale version is **25.6725, 27.0095, 29.4133**.

A 20% lighter version of the original color is **60.5714, 53.3789, 47.6681**, and **12.9786, 10.0848, 7.7411** is the 20% darker color. If you saturate the color by 10%, you get **27.7601, 21.4294, 15.8769**, and if you desaturate by 10%, it is **34.7164, 31.6084, 29.7056**.

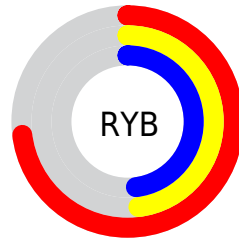
Distribution



Red (73%)

Green (48%)

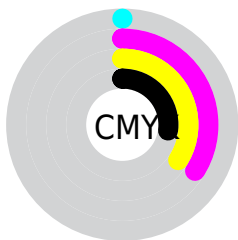
Blue (48%)



Red (73%)

Yellow (48%)

Blue (48%)

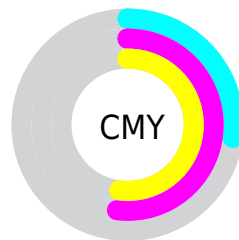


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (27%)



Cyan (27%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9078, 26.0351, 22.1351 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 30.9078, 26.0351, 22.1351 by changing the saturation by 10% instead.

■ 30.9078, 26.0351,
22.1351

■ 30.9078, 26.0351,
22.1351

297.9478,
282.9543, 276.2275

■ 20.6801, 16.8499,
13.7569

■ 60.4717, 53.3316,
47.8742

■ 13.0015, 10.1275,
7.8150

■ 80.5387, 72.2116,
66.0723

■ 7.5066, 5.4836,
3.8907

■ 104.6161, 95.0921,
88.3807

■ 3.8300, 2.5337,
1.5656

133.0694,
122.3574, 115.2181

■ 1.6064, 0.8935,
0.2661

166.2638,
154.3918, 147.0029

■ 0.3966, 0.0000,
0.0000

204.5648,

■ 0.0000, 0.0000,

191.5799, 184.1537

0.0000

248.3377,
234.3059, 227.0890

■ 30.9078, 26.0351,
22.1351

■ 30.9078, 26.0351,
22.1351

■ 27.7601, 21.4294,
15.8769

■ 34.7164, 31.6084,
29.7056

■ 25.2338, 17.7327,
10.8549

■ 39.2184, 38.1961,
38.6554

■ 23.2885, 14.8859,
6.9877


■ 44.4465, 45.8463,
49.0489


■ 21.8778, 12.8216,
4.1835


■ 50.4310, 54.6031,
60.9459


■ 20.9486, 11.4620,
2.3366


■ 57.2000, 64.5081,
74.4028

 20.4369, 10.7131,
1.3196

 64.7807, 75.6007,
89.4733

 20.2498, 10.4394,
0.9477

 73.1986, 87.9183,
106.2083

 74.0597, 89.1791,
107.9177

Harmonies

Analogous

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



31.3858, 26.0351, 30.7624



30.9078, 26.0351, 22.1351



28.7115, 26.0351, 16.5202

Triad

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



30.9078, 26.0351, 22.1351



20.1695, 26.0351, 18.8611



23.9344, 26.0351, 49.7419

Complementary

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



30.9078, 26.0351, 22.1351



34.5894, 42.8722, 52.9065

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.



21.1628, 26.0351, 44.7902



30.9078, 26.0351, 22.1351



19.1149, 26.0351, 26.0630

Square

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



30.9078, 26.0351, 22.1351



22.4688, 26.0351, 14.9349



19.4622, 26.0351, 35.6261



27.1712, 26.0351, 48.0531

Rectangle

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



30.9078, 26.0351, 22.1351



26.6639, 26.0351, 14.6111



19.4622, 26.0351, 35.6261



22.9216, 26.0351, 48.7674

Sweetspot

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



30.9085, 26.0364, 22.1356



74.4403, 74.1414, 76.7341



36.1957, 28.1504, 49.9802



16.1066, 15.9081, 16.3288



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.9085, 26.0364, 22.1356



51.4688, 40.5277, 31.0677



35.4633, 35.1459, 23.6539



9.0047, 9.0123, 9.3719



13.6235, 7.0233, 0.6376



0.4803, 0.2476, 0.0225

Inverse Universe

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



34.5894, 42.8722, 52.9065



59.2043, 75.9082, 95.7328



28.6698, 31.0329, 50.9333



9.2667, 10.2106, 11.5619



17.7740, 26.0078, 35.3363



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 30.9078, 26.0351, 22.1351 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 30.9078, 26.0351, 22.1351 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 30.9078, 26.0351, 22.1351

Background



This preview shows how black text looks on a background with the XYZ color 30.9078, 26.0351, 22.1351.



This preview shows how white text looks on a background with the XYZ color 30.9078, 26.0351,

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

30.9078, 26.0351, 22.1351

Protanopia

24.8991, 26.0605, 25.5476

Deuteranopia

26.6124, 26.1820, 21.7402



Tritanopia

31.5498, 26.1226, 24.8520

Trichromacy



Original Color

30.9078, 26.0351, 22.1351

Protanomaly

26.6481, 25.7310, 24.3309

Deuteranomaly

27.9913, 26.0728, 21.9696

Tritanomaly

31.3493, 26.0424, 23.7965

Monochromacy



Original Color

30.9078, 26.0351, 22.1351

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.1377, 26.3463, 26.5767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9078, 26.0351, 22.1351 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(186, 123, 123)` looks like.

```
.text, #text, p{  
  color:rgb(186, 123, 123)  
}
```

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(186, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 123, 123) }
```

Border

The CSS property to change the border of an element to XYZ 30.9078, 26.0351, 22.1351 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(186, 123, 123) }
```


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

```
.border{ border-color:rgb(186, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(186, 123,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9078, 26.0351, 22.1351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 123, 123) }
```

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

```
.background{ background-color: rgb(186,  
123, 123) }
```

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