

Converting Colors

XYZ(27.0051, 21.7273, 17.0781)

Have a look what the booklet for
XYZ(27.0051, 21.7273, 17.0781)
contains.

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Color

**XYZ(26.9978, 21.7233,
16.9574)**

Conversions

Conversions Part 1

Format	Color
Hex	B46D6C
RGB	180, 109, 108
RGB Percent	71%, 43%, 42%
CMY	0.2941, 0.5725, 0.5765
CMYK	0.00, 0.39, 0.40, 0.29
HSL	1°, 32%, 56%
HSV	1°, 40%, 71%
XYZ	26.9978, 21.7233, 16.9574
YIQ	130.1150, 42.6370, 14.7410

Conversions

Conversions Part 2

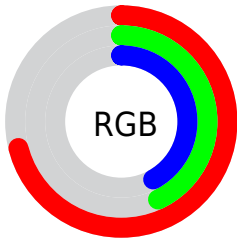
Format	Color
R_{YB}	180, 109, 108
Decimal	11824492
CIE Lab	53.73, 28.11, 12.62
CIE LCh	54, 30.810, 24.187
Yxy	21.7233, 0.4111, 0.3308
Android (android.graphics.Color)	4290014572 (0xFFB46D6C)
YUV	130.1150, -10.9027, 43.7491
Hunter-Lab	46.6083, 21.8315, 11.0544

Details

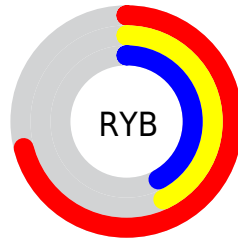
The XYZ color **26.9978, 21.7233, 16.9574** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.5419, 38.7219, 49.0443**, and the grayscale version is **21.2861, 22.3947, 24.3878**.

A 20% lighter version of the original color is **54.2628, 46.1701, 38.8526**, and **10.9156, 7.9286, 5.3699** is the 20% darker color. If you saturate the color by 10%, you get **24.4309, 17.9675, 11.8535**, and if you desaturate by 10%, it is **30.1459, 26.3249, 23.2313**.

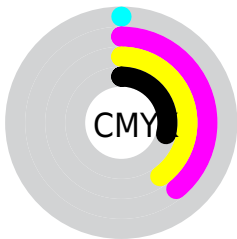
Distribution



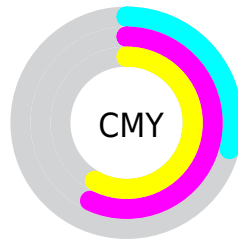
- Red (71%)
- Green (43%)
- Blue (42%)



- Red (71%)
- Yellow (43%)
- Blue (42%)



- Cyan (0%)
- Magenta (39%)
- Yellow (40%)
- Black (29%)





- Cyan (29%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9978, 21.7233, 16.9574 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 26.9978, 21.7233, 16.9574 by changing the saturation by 10% instead.


 26.9978, 21.7233,
16.9574


 26.9978, 21.7233,
16.9574


279.8142,
261.0979, 246.9624


 17.7081, 13.6537,
10.0425


 54.3002, 46.2882,
39.0422

 10.8391, 7.8802,
5.3212


 73.0438, 63.5524,
55.0491

 6.0252, 4.0184,
2.3749


 95.6693, 84.6502,
74.9238

 2.9012, 1.6839,
0.7727

 122.5421,
109.9661, 99.0848

 1.1017, 0.4132,
0.0000

154.0277,
139.8844, 127.9506

 0.0266, 0.0000,
0.0000

190.4913,

 0.0000, 0.0000,

174.7895, 161.9398

0.0000

232.2984,
215.0659, 201.4708

■ 26.9978, 21.7233,
16.9574

■ 26.9978, 21.7233,
16.9574

■ 24.4309, 17.9675,
11.8535

■ 30.1459, 26.3249,
23.2313

■ 22.4081, 15.0032,
7.8459

■ 33.9061, 31.8161,
30.7399

■ 20.8907, 12.7746,
4.8548


■ 38.3088, 38.2414,
39.5450


■ 19.8342, 11.2175,
2.7889


■ 43.3821, 45.6414,
49.7036


■ 19.1863, 10.2565,
1.5408


■ 49.1524, 54.0543,
61.2694

 18.8496, 9.7578,
0.8900

 55.6447, 63.5163,
74.2933

 18.8496, 9.7578,
0.8900

 62.8828, 74.0618,
88.8235

 70.8892, 85.7237,
104.9061

 72.6324, 88.4433,
107.8509

Harmonies

Analogous

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



27.6302, 21.7233, 25.5428



26.9978, 21.7233, 16.9574



24.5899, 21.7233, 11.7589

Triad

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



26.9978, 21.7233, 16.9574



15.9145, 21.7233, 14.5285



20.0110, 21.7233, 46.7478

Complementary

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



26.9978, 21.7233, 16.9574



30.5419, 38.7219, 49.0443

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.



17.1505, 21.7233, 41.6759



26.9978, 21.7233, 16.9574



14.9529, 21.7233, 21.8588

Square

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



26.9978, 21.7233, 16.9574



18.1536, 21.7233, 10.6407



15.3801, 21.7233, 31.9131



23.3596, 21.7233, 44.4206

Rectangle

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



26.9978, 21.7233, 16.9574



22.4263, 21.7233, 10.1163



15.3801, 21.7233, 31.9131



18.9651, 21.7233, 45.8176

Sweetspot

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



26.9984, 21.7244, 16.9578



67.5984, 66.6207, 67.9745



32.4232, 23.7239, 46.0502



14.3836, 14.0681, 14.2379



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.



26.9984, 21.7244, 16.9578



44.7944, 33.3051, 22.4774



31.5025, 30.7326, 18.4592



8.5056, 8.5236, 8.8495



13.1600, 6.8186, 0.6225



0.4172, 0.2208, 0.0206

Inverse Universe

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



30.5419, 38.7219, 49.0443



52.1097, 68.4064, 88.7519



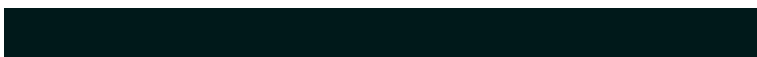
24.3959, 26.4301, 46.9957



8.7323, 9.6108, 10.9012



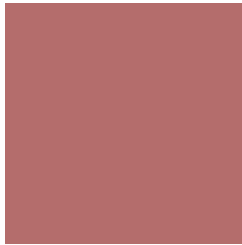
16.7948, 24.3899, 33.9595



0.5316, 0.7738, 1.0696

Previews

White Background



This preview shows how the XYZ color 26.9978, 21.7233, 16.9574 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 26.9978, 21.7233, 16.9574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

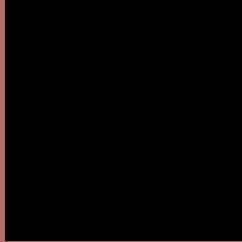
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9978, 21.7233, 16.9574

Background



This preview shows how black text looks on a background with the XYZ color 26.9978, 21.7233, 16.9574.



This preview shows how white text looks on a background with the XYZ color 26.9978, 21.7233,

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

26.9978, 21.7233, 16.9574

Protanopia

20.8207, 21.8147, 20.2528

Deuteranopia

22.1519, 21.8248, 16.4097



Tritanopia

27.5710, 21.8098, 19.2796

Trichromacy



Original Color

26.9978, 21.7233, 16.9574

Protanomaly

22.6371, 21.4690, 18.8704

Deuteranomaly

23.6955, 21.7078, 16.5768

Tritanomaly

27.3993, 21.7411, 18.3751

Monochromacy



Original Color

26.9978, 21.7233, 16.9574

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.6851, 21.6201, 21.3898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9978, 21.7233, 16.9574 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(180, 109, 108)` looks like.

```
.text, #text, p{  
    color:rgb(180, 109, 108)  
}
```

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(180, 109, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 109, 108) }
```

Border

The CSS property to change the border of an element to XYZ 26.9978, 21.7233, 16.9574 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(180, 109, 108) }
```


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

```
.border{ border-color:rgb(180, 109, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 109, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 109, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 109, 108);  
box-shadow:4px 4px 4px 4px rgb(180, 109,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9978, 21.7233, 16.9574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 109, 108) }
```

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

```
.background{ background-color: rgb(180,  
109, 108) }
```

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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