

Converting Colors

XYZ(26.9216, 21.6602, 19.9970)

Have a look what the booklet for
XYZ(26.9216, 21.6602, 19.9970)
contains.

XYZ(26.8701, 21.5924, 19.8911)	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(26.8701, 21.5924,
19.8911)**

Conversions

Conversions Part 1

Format	Color
Hex	B16D76
RGB	177, 109, 118
RGB Percent	69%, 43%, 46%
CMY	0.3059, 0.5725, 0.5373
CMYK	0.00, 0.38, 0.33, 0.31
HSL	352°, 30%, 56%
HSV	352°, 38%, 69%
XYZ	26.8701, 21.5924, 19.8911
YIQ	130.3580, 37.6390, 17.2150

Conversions

Conversions Part 2

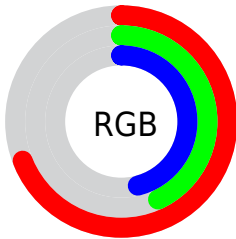
Format	Color
R_{YB}	177, 109, 118
Decimal	11627894
CIE Lab	53.59, 28.19, 6.50
CIE LCh	54, 28.932, 12.990
Yxy	21.5924, 0.3931, 0.3159
Android (android.graphics.Color)	4289817974 (0xFFB16D76)
YUV	130.3580, -6.0925, 40.9050
Hunter-Lab	46.4676, 21.9000, 7.1474

Details

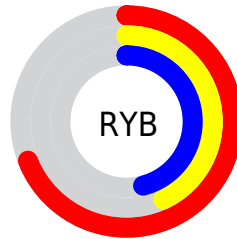
The XYZ color **26.8701, 21.5924, 19.8911** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.0977, 37.5231, 42.7568**, and the grayscale version is **21.3570, 22.4692, 24.4690**.

A 20% lighter version of the original color is **53.9323, 45.8844, 44.0443**, and **10.7474, 7.8115, 6.7357** is the 20% darker color. If you saturate the color by 10%, you get **24.3289, 17.8536, 14.9019**, and if you desaturate by 10%, it is **29.9413, 26.1531, 25.7906**.

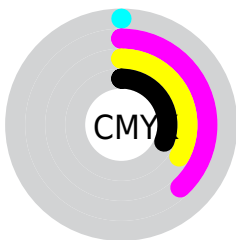
Distribution



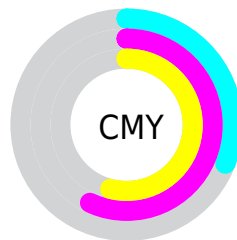
- Red (69%)
- Green (43%)
- Blue (46%)



- Red (69%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (38%)
- Yellow (33%)
- Black (31%)





- Cyan (31%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8701, 21.5924, 19.8911 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 26.8701, 21.5924, 19.8911 by changing the saturation by 10% instead.


 26.8701, 21.5924,
19.8911


 26.8701, 21.5924,
19.8911


279.2066,
260.4102, 263.9097


 17.6118, 13.5577,
12.1326


 54.0967, 46.0714,
44.0911


 10.7696, 7.8137,
6.7104


 72.7957, 63.2845,
61.3697

 5.9783, 3.9760,
3.2060


 95.3723, 84.3258,
82.6587

 2.8724, 1.6601,
1.2007

 122.1918,
109.5798, 108.3768

 1.0867, 0.3976,
0.0000

153.6197,
139.4309, 138.9424

 0.0139, 0.0000,
0.0000

190.0212,

 0.0000, 0.0000,

174.2634, 174.7740

0.0000

231.7617,
214.4617, 216.2903

■ 26.8701, 21.5924,
19.8911

■ 26.8701, 21.5924,
19.8911

■ 24.3289, 17.8536,
14.9019

■ 29.9413, 26.1531,
25.7906

■ 22.2859, 14.8848,
10.7763

■ 33.5684, 31.5774,
32.6414

■ 20.7083, 12.6332,
7.4653

■ 37.7779, 37.9078,
40.4836

■ 19.5589, 11.0376,
4.9142


■ 42.5940, 45.1831,
49.3545


■ 18.7945, 10.0270,
3.0619


■ 48.0394, 53.4400,
59.2895


 18.3467, 9.4819,
1.8318

 54.1357, 62.7130,
70.3225

 18.2903, 9.4107,
1.6852

 60.9035, 73.0351,
82.4856

 68.3626, 84.4377,
95.8097

 71.9415, 88.0871,
107.8185

Harmonies

Analogous

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



26.7413, 21.5924, 28.8448



26.8701, 21.5924, 19.8911



25.1803, 21.5924, 13.7161

Triad

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



26.8701, 21.5924, 19.8911



16.7342, 21.5924, 13.1355



18.8343, 21.5924, 43.8113

Complementary

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



26.8701, 21.5924, 19.8911



29.0977, 37.5231, 42.7568

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.



16.4785, 21.5924, 37.1180



26.8701, 21.5924, 19.8911



15.3520, 21.5924, 18.8780

Square

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



26.8701, 21.5924, 19.8911



19.2168, 21.5924, 10.5275



15.2634, 21.5924, 27.5442



21.8869, 21.5924, 44.2806

Rectangle

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



26.8701, 21.5924, 19.8911



23.3396, 21.5924, 11.3805



15.2634, 21.5924, 27.5442



17.9425, 21.5924, 42.1504

Sweetspot

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



26.8707, 21.5935, 19.8915



64.6765, 63.3997, 66.9689



29.5394, 22.4302, 44.3675



13.8091, 13.4279, 14.1273



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.8707, 21.5935, 19.8915



44.2518, 32.9702, 28.0373



29.4083, 27.4840, 18.2243



8.5406, 8.5230, 9.0794



13.2653, 6.8237, 1.2911



0.4318, 0.2205, 0.1167

Inverse Universe

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



26.8707, 21.5935, 19.8915



44.2518, 32.9702, 28.0373



25.4824, 28.9045, 45.8310



8.5406, 8.5230, 9.0794



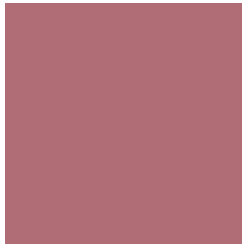
13.2653, 6.8237, 1.2911



0.4318, 0.2205, 0.1167

Previews

White Background



This preview shows how the XYZ color 26.8701, 21.5924, 19.8911 looks on a white background.

Color Contrast Check

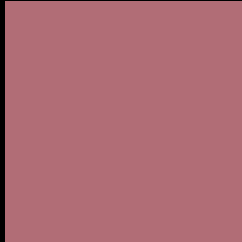
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8701, 21.5924, 19.8911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

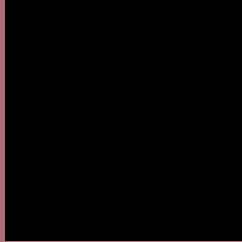
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8701, 21.5924, 19.8911

Background



This preview shows how black text looks on a background with the XYZ color 26.8701, 21.5924, 19.8911.



This preview shows how white text looks on a background with the XYZ color 26.8701, 21.5924,

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

26.8701, 21.5924, 19.8911

Protanopia

20.9755, 21.8222, 23.5286

Deuteranopia

22.1562, 21.7641, 19.2528



Tritanopia

26.8110, 21.5687, 19.5797

Trichromacy



Original Color

26.8701, 21.5924, 19.8911

Protanomaly

22.6882, 21.4259, 22.0086

Deuteranomaly

23.6538, 21.6227, 19.4499

Tritanomaly

26.8110, 21.5687, 19.5797

Monochromacy



Original Color

26.8701, 21.5924, 19.8911

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.7581, 21.6285, 22.7139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8701, 21.5924, 19.8911 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(177, 109, 118)` looks like.

```
.text, #text, p{  
    color:rgb(177, 109, 118)  
}
```

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(177, 109, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 109, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.8701, 21.5924, 19.8911 is called "border". The border property can be set on classes, ids or directly on the HTML element.

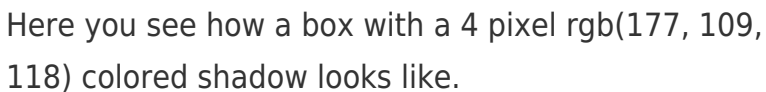
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 109, 118) }
```


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

```
.border{ border-color:rgb(177, 109, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 109, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 109, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 109, 118); box-shadow:4px 4px 4px 4px rgb(177, 109, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8701, 21.5924, 19.8911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 109, 118) }
```

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

```
.background{ background-color: rgb(177,  
109, 118) }
```

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