

Converting Colors

XYZ(27.9024, 21.3068, 19.8516)

Have a look what the booklet for
XYZ(27.9024, 21.3068, 19.8516)
contains.

XYZ(27.9875, 21.3990, 19.7949)	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(27.9875, 21.3990,
19.7949)**

Conversions

Conversions Part 1

Format	Color
Hex	B86876
RGB	184, 104, 118
RGB Percent	72%, 41%, 46%
CMY	0.2784, 0.5921, 0.5373
CMYK	0.00, 0.43, 0.36, 0.28
HSL	350°, 36%, 56%
HSV	350°, 43%, 72%
XYZ	27.9875, 21.3990, 19.7949
YIQ	129.5160, 43.1860, 21.3140

Conversions

Conversions Part 2

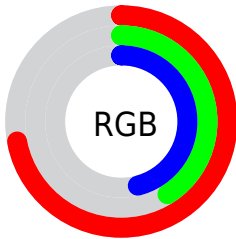
Format	Color
R_{YB}	184, 104, 118
Decimal	12085366
CIE _{Lab}	53.38, 33.58, 6.33
CIE _{LCh}	53, 34.168, 10.672
Yxy	21.3990, 0.4046, 0.3093
Android (android.graphics.Color)	4290275446 (0xFFB86876)
YUV	129.5160, -5.6774, 47.7825
Hunter-Lab	46.2591, 27.0421, 7.0103

Details

The XYZ color **27.9875, 21.3990, 19.7949** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.1061, 40.1268, 44.1909**, and the grayscale version is **21.0567, 22.1533, 24.1249**.

A 20% lighter version of the original color is **55.9306, 45.8935, 43.9407**, and **11.3267, 7.6697, 6.6778** is the 20% darker color. If you saturate the color by 10%, you get **25.5027, 17.7587, 14.8683**, and if you desaturate by 10%, it is **31.0228, 25.9076, 25.6218**.

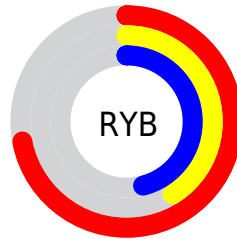
Distribution



Red (72%)

Green (41%)

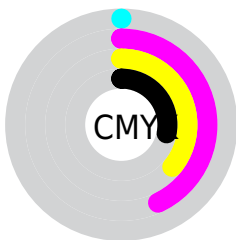
Blue (46%)



Red (72%)

Yellow (41%)

Blue (46%)

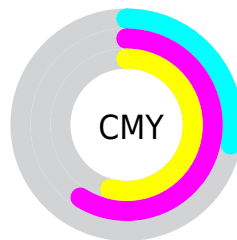


Cyan (0%)

Magenta (43%)

Yellow (36%)

Black (28%)



Cyan (28%)

Magenta (59%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9875, 21.3990, 19.7949 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 27.9875, 21.3990, 19.7949 by changing the saturation by 10% instead.


 27.9875, 21.3990,
19.7949


 27.9875, 21.3990,
19.7949


284.4883,
259.3914, 263.3700


 18.4566, 13.4160,
12.0634


 55.8733, 45.7506,
43.9275


 11.3800, 7.7156,
6.6638


 74.9589, 62.8880,
61.1657

 6.3922, 3.9135,
3.1775


 97.9601, 83.8457,
82.4099

 3.1279, 1.6253,
1.1860

 125.2424,
109.0080, 108.0787

 1.2218, 0.3746,
0.0000

157.1710,
138.7593, 138.5906

 0.1234, 0.0000,
0.0000

194.1113,

 0.0000, 0.0000,

173.4840, 174.3640

0.0000

236.4286,
213.5666, 215.8177

■ 27.9875, 21.3990,
19.7949

■ 27.9875, 21.3990,
19.7949

■ 25.5027, 17.7587,
14.8683

■ 31.0228, 25.9076,
25.6218

■ 23.5331, 14.9277,
10.7954

■ 34.6374, 31.3323,
32.3898

■ 22.0421, 12.8446,
7.5271


■ 38.8603, 37.7211,
40.1388


■ 20.9872, 11.4377,
5.0089


■ 43.7179, 45.1178,
48.9061


■ 20.3184, 10.6213,
3.1788


■ 49.2352, 53.5633,
58.7267

 20.0305, 10.2957,
2.3118

 55.4357, 63.0966,
69.6343

 62.3417, 73.7543,
81.6609

 69.9747, 85.5715,
94.8371

 73.5173, 88.9064,
107.5800

Harmonies

Analogous

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



27.6519, 21.3990, 30.5521



27.9875, 21.3990, 19.7949



26.0977, 21.3990, 12.5602

Triad

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



27.9875, 21.3990, 19.7949



16.1258, 21.3990, 11.2010



18.1180, 21.3990, 47.6730

Complementary

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



27.9875, 21.3990, 19.7949



30.1061, 40.1268, 44.1909

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.



15.4968, 21.3990, 38.8836



27.9875, 21.3990, 19.7949



14.4446, 21.3990, 17.2970

Square

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



27.9875, 21.3990, 19.7949



19.0753, 21.3990, 8.6721



14.2289, 21.3990, 27.1959



21.6575, 21.3990, 48.9411

Rectangle

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



27.9875, 21.3990, 19.7949



23.9483, 21.3990, 9.8686



14.2289, 21.3990, 27.1959



17.1121, 21.3990, 45.3995

Sweetspot

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



27.9881, 21.4001, 19.7953



70.6574, 68.7024, 73.1490



30.0366, 21.8344, 47.9788



14.8472, 14.2266, 15.0679



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.9881, 21.4001, 19.7953



46.4761, 32.5493, 27.4486



30.1608, 26.9794, 16.7160



9.0670, 9.0372, 9.7005



13.8237, 7.1032, 1.6924



0.5071, 0.2583, 0.1641

Inverse Universe

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



27.9881, 21.4001, 19.7953



46.4761, 32.5493, 27.4486



26.7024, 31.0864, 49.9403



9.0670, 9.0372, 9.7005



13.8237, 7.1032, 1.6924



0.5071, 0.2583, 0.1641

Previews

White Background



This preview shows how the XYZ color 27.9875, 21.3990, 19.7949 looks on a white background.

Color Contrast Check

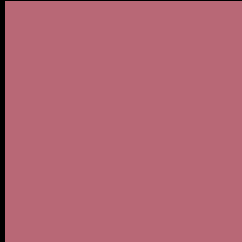
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9875, 21.3990, 19.7949 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 27.9875, 21.3990, 19.7949

Background



This preview shows how black text looks on a background with the XYZ color 27.9875, 21.3990, 19.7949.



This preview shows how white text looks on a background with the XYZ color 27.9875, 21.3990,

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

27.9875, 21.3990, 19.7949

Protanopia

20.7394, 21.4846, 24.5266

Deuteranopia

21.8545, 21.4235, 19.2029



Tritanopia

27.7994, 21.4858, 18.3048

Trichromacy



Original Color

27.9875, 21.3990, 19.7949

Protanomaly

22.7571, 21.0896, 22.6099

Deuteranomaly

23.6959, 21.1227, 19.3512

Tritanomaly

27.9133, 21.5313, 18.9044

Monochromacy



Original Color

27.9875, 21.3990, 19.7949

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.1809, 21.6651, 22.6987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9875, 21.3990, 19.7949 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(184, 104, 118)` looks like.

```
.text, #text, p{  
    color:rgb(184, 104, 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(184, 104, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 104, 118) }
```

Border

The CSS property to change the border of an element to XYZ 27.9875, 21.3990, 19.7949 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(184, 104, 118) }
```


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

```
.border{ border-color:rgb(184, 104, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 104, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 104, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 104, 118);  
box-shadow:4px 4px 4px 4px rgb(184, 104,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9875, 21.3990, 19.7949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 104, 118) }
```

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

```
.background{ background-color: rgb(184,  
104, 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