

Converting Colors

XYZ(30.4421, 27.4998, 23.7822)

Have a look what the booklet for
XYZ(30.4421, 27.4998, 23.7822)
contains.

XYZ(30.4421, 27.4998, 23.7822)	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(30.4421, 27.4998,
23.7822)**

Conversions

Conversions Part 1

Format	Color
Hex	B2847F
RGB	178, 132, 127
RGB Percent	70%, 52%, 50%
CMY	0.3020, 0.4823, 0.5020
CMYK	0.00, 0.26, 0.29, 0.30
HSL	6°, 25%, 60%
HSV	6°, 29%, 70%
XYZ	30.4421, 27.4998, 23.7822
YIQ	145.1840, 29.0210, 8.1970

Conversions

Conversions Part 2

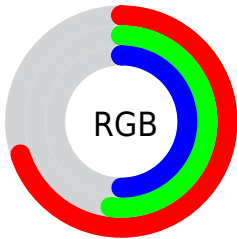
Format	Color
R_{YB}	178, 133, 127
Decimal	11699327
CIE _{Lab}	59.43, 16.95, 9.61
CIE _{LCh}	59, 19.485, 29.558
Yxy	27.4998, 0.3725, 0.3365
Android (android.graphics.Color)	4289889407 (0xFFB2847F)
YUV	145.1840, -8.9647, 28.7796
Hunter-Lab	52.4403, 11.8506, 9.8195

Details

The XYZ color **30.4421, 27.4998, 23.7822** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.7314, 37.6123, 47.7070**, and the grayscale version is **27.0161, 28.4230, 30.9527**.

A 20% lighter version of the original color is **59.8481, 55.6554, 50.7682**, and **12.7046, 10.8697, 8.6362** is the 20% darker color. If you saturate the color by 10%, you get **27.3710, 23.0529, 17.5319**, and if you desaturate by 10%, it is **34.0547, 32.7013, 31.2248**.

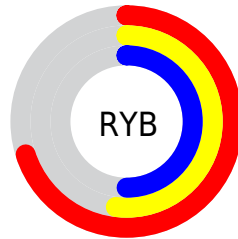
Distribution



Red (70%)

Green (52%)

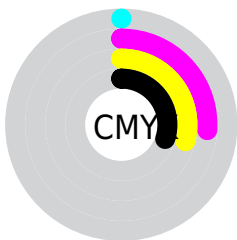
Blue (50%)



Red (70%)

Yellow (52%)

Blue (50%)

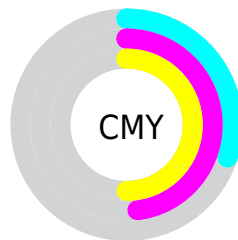


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (30%)



Cyan (30%)


Magenta (48%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4421, 27.4998, 23.7822 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 30.4421, 27.4998, 23.7822 by changing the saturation by 10% instead.


 30.4421, 27.4998,
23.7822


 30.4421, 27.4998,
23.7822


295.8328,
290.0690, 284.9685


 20.3241, 17.9489,
14.9614


 59.7425, 55.6849,
50.6139

 12.7405, 10.9133,
8.6460


 79.6556, 75.0878,
69.4619

 7.3259, 6.0086,
4.4174


 103.5645, 98.5436,
92.4895

 3.7149, 2.8503,
1.8570

131.8345,
126.4367, 120.1150

 1.5421, 1.0541,
0.4652

164.8309,
159.1513, 152.7572

 0.3542, 0.0000,
0.0000

202.9193,

 0.0000, 0.0000,

197.0720, 190.8345

0.0000

246.4647,
240.5831, 234.7654

■ 30.4421, 27.4998,
23.7822

■ 30.4421, 27.4998,
23.7822

■ 27.3710, 23.0529,
17.5319

■ 34.0547, 32.7013,
31.2248

■ 24.8131, 19.3219,
12.4102

■ 38.2308, 38.6860,
39.9154

■ 22.7409, 16.2704,
8.3502

■ 42.9940, 45.4860,
49.9082

■ 21.1235, 13.8575,
5.2773

■ 48.3658, 53.1303,
61.2538

■ 19.9262, 12.0374,
3.1070

■ 54.3667, 61.6464,
74.0000

■ 19.1095, 10.7588,
1.7407

■ 61.0161, 71.0607,
88.1924

■ 18.6169, 9.9576,
1.0097

■ 68.3328, 81.3984,
103.8743

■ 18.5678, 9.8804,
0.9285

■ 72.1701, 88.2050,
107.8292

Harmonies

Analogous

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



31.1240, 27.4998, 30.0465



30.4421, 27.4998, 23.7822



28.5916, 27.4998, 19.7740

Triad

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



30.4421, 27.4998, 23.7822



22.2921, 27.4998, 23.6284



26.1015, 27.4998, 45.5171

Complementary

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



30.4421, 27.4998, 23.7822



31.7314, 37.6123, 47.7070

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.



23.8284, 27.4998, 43.1086



30.4421, 27.4998, 23.7822



21.7147, 27.4998, 29.8390

Square

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



30.4421, 27.4998, 23.7822



23.8874, 27.4998, 19.6954



22.2595, 27.4998, 37.0844



28.5251, 27.4998, 43.2410

Rectangle

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



30.4421, 27.4998, 23.7822



26.9987, 27.4998, 18.5617



22.2595, 27.4998, 37.0844



25.2953, 27.4998, 45.2236

Sweetspot

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



30.4428, 27.5011, 23.7828



68.9218, 69.5721, 71.5330



33.5653, 27.6903, 43.4925



15.0148, 15.0490, 15.3161



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.



30.4428, 27.5011, 23.7828



51.7836, 44.9217, 36.1448



34.2057, 35.0269, 25.0371



8.5612, 8.6350, 8.8680



13.3078, 7.1143, 0.6718



0.4405, 0.2674, 0.0284

Inverse Universe

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



31.7314, 37.6123, 47.7070



54.4773, 66.0940, 86.2673



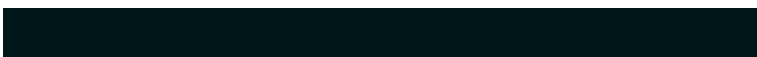
27.4177, 28.9850, 46.2691



8.6700, 9.4862, 10.8804



14.8367, 20.4738, 33.3068



0.4873, 0.6851, 1.0548

Previews

White Background



This preview shows how the XYZ color 30.4421, 27.4998, 23.7822 looks on a white background.

Color Contrast Check

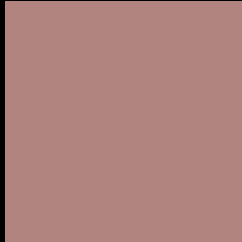
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4421, 27.4998, 23.7822 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 30.4421, 27.4998, 23.7822

Background



This preview shows how black text looks on a background with the XYZ color 30.4421, 27.4998, 23.7822.



This preview shows how white text looks on a background with the XYZ color 30.4421, 27.4998,

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

30.4421, 27.4998, 23.7822

Protanopia

26.2688, 27.6343, 26.1397

Deuteranopia

28.1642, 27.5758, 23.5769



Tritanopia

31.3067, 27.4424, 28.4578

Trichromacy



Original Color

30.4421, 27.4998, 23.7822

Protanomaly

27.6274, 27.4749, 25.3198

Deuteranomaly

28.9322, 27.5497, 23.5314

Tritanomaly

31.0799, 27.5656, 26.6043

Monochromacy



Original Color

30.4421, 27.4998, 23.7822

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.8702, 27.7592, 27.9339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4421, 27.4998, 23.7822 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(178, 132, 127)` looks like.

```
.text, #text, p{  
    color:rgb(178, 132, 127)  
}
```

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(178, 132, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 132, 127) }
```

Border

The CSS property to change the border of an element to XYZ 30.4421, 27.4998, 23.7822 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(178, 132, 127) }
```


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

```
.border{ border-color:rgb(178, 132, 127) }
```

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

Here you see how a box with a 4 pixel rgb(178, 132, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 132, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 132, 127);  
box-shadow:4px 4px 4px 4px rgb(178, 132,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4421, 27.4998, 23.7822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 132, 127) }
```

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

```
.background{ background-color: rgb(178,  
132, 127) }
```

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