

Converting Colors

XYZ(34.0840, 27.5115, 25.1083)

Have a look what the booklet for
XYZ(34.0840, 27.5115, 25.1083)
contains.

XYZ(34.0822, 27.4281, 24.9705)	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(34.0822, 27.4281,
24.9705)**

Conversions

Conversions Part 1

Format	Color
Hex	C57A83
RGB	197, 122, 131
RGB Percent	77%, 48%, 51%
CMY	0.2275, 0.5215, 0.4863
CMYK	0.00, 0.38, 0.34, 0.23
HSL	353°, 39%, 63%
HSV	353°, 38%, 77%
XYZ	34.0822, 27.4281, 24.9705
YIQ	145.4510, 41.8110, 18.6990

Conversions

Conversions Part 2

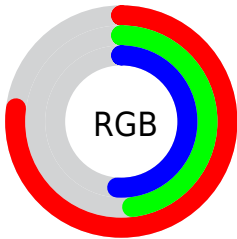
Format	Color
RYB	197, 122, 131
Decimal	12941955
CIELab	59.37, 30.36, 7.53
CIElCh	59, 31.277, 13.923
Yxy	27.4281, 0.3941, 0.3172
Android (android.graphics.Color)	4291132035 (0xFFC57A83)
YUV	145.4510, -7.1243, 45.2085
Hunter-Lab	52.3718, 24.5123, 8.3913

Details

The XYZ color **34.0822, 27.4281, 24.9705** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0707, 47.7015, 54.8331**, and the grayscale version is **27.1141, 28.5261, 31.0650**.

A 20% lighter version of the original color is **65.2217, 55.3806, 52.5994**, and **14.8249, 10.9066, 9.3065** is the 20% darker color. If you saturate the color by 10%, you get **30.8255, 22.6405, 18.5648**, and if you desaturate by 10%, it is **38.0273, 33.2776, 32.5763**.

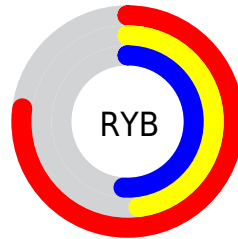
Distribution



Red (77%)

Green (48%)

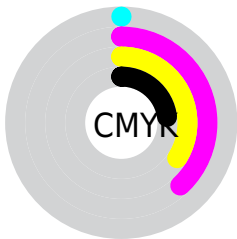
Blue (51%)



Red (77%)

Yellow (48%)

Blue (51%)

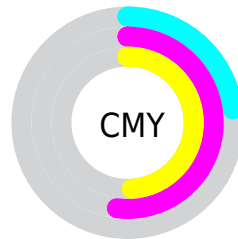


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (23%)



Cyan (23%)


Magenta (52%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0822, 27.4281, 24.9705 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 34.0822, 27.4281, 24.9705 by changing the saturation by 10% instead.


 34.0822, 27.4281,
24.9705


 34.0822, 27.4281,
24.9705


312.0779,
289.7240, 291.1340


 23.1199, 17.8950,
15.8363


 65.4049, 55.5701,
52.5729

 14.8033, 10.8746,
9.2553


 86.4961, 74.9477,
71.8781

 8.7669, 5.9826,
4.8090


 111.6943, 98.3757,
95.4108

 4.6453, 2.8345,
2.0788

141.3648,
126.2384, 123.5893

 2.0733, 1.0459,
0.6031

175.8731,
158.9201, 156.8324

 0.6746, 0.0000,
0.0000

215.5845,

 0.0000, 0.0000,

196.8054, 195.5585

0.0000

260.8643,
240.2785, 240.1862

■ 34.0822, 27.4281,
24.9705

■ 34.0822, 27.4281,
24.9705

■ 30.8255, 22.6405,
18.5648

■ 38.0273, 33.2776,
32.5763

■ 28.2155, 18.8472,
13.2961

■ 42.6949, 40.2433,
41.4377

■ 26.2091, 15.9792,
9.0981


■ 48.1198, 48.3804,
51.6084


■ 24.7573, 13.9570,
5.8967


■ 54.3334, 57.7394,
63.1388


■ 23.8031, 12.6876,
3.6085


■ 61.3658, 68.3680,
76.0765

 23.2648, 12.0320,
2.1318

 69.2453, 80.3110,
90.4667

 23.1870, 11.9347,
1.9256

 76.4138, 90.4414,
105.8245

 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



33.9947, 27.4281, 36.2432



34.0822, 27.4281, 24.9705



31.8777, 27.4281, 17.2642

Triad

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



34.0822, 27.4281, 24.9705



21.1874, 27.4281, 16.8695



24.0395, 27.4281, 55.7471

Complementary

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



34.0822, 27.4281, 24.9705



37.0707, 47.7015, 54.8331

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.



21.0136, 27.4281, 47.4601



34.0822, 27.4281, 24.9705



19.4831, 27.4281, 24.2820

Square

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



34.0822, 27.4281, 24.9705



24.2995, 27.4281, 13.4429



19.4229, 27.4281, 35.3596



27.9236, 27.4281, 56.0658

Rectangle

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



34.0822, 27.4281, 24.9705



29.5215, 27.4281, 14.3811



19.4229, 27.4281, 35.3596



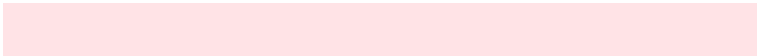
22.8978, 27.4281, 53.7228

Sweetspot

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



34.0829, 27.4294, 24.9710



83.0226, 81.9017, 86.5275



37.5319, 28.5165, 56.3494



17.4791, 17.0933, 17.9752



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.0829, 27.4294, 24.9710



55.9341, 41.6104, 34.6905



37.3664, 34.9301, 23.1869



10.6848, 10.6573, 11.3232



15.2678, 7.8567, 1.3539



0.7406, 0.3791, 0.1571

Inverse Universe

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



34.0829, 27.4294, 24.9710



55.9341, 41.6104, 34.6905



32.3864, 36.7323, 58.2064



10.6848, 10.6573, 11.3232



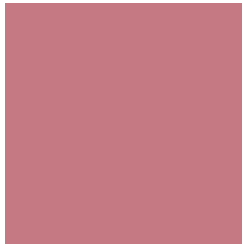
15.2678, 7.8567, 1.3539



0.7406, 0.3791, 0.1571

Previews

White Background



This preview shows how the XYZ color 34.0822, 27.4281, 24.9705 looks on a white background.

Color Contrast Check

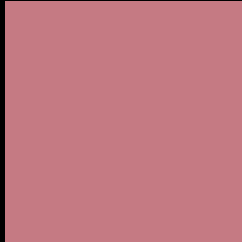
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0822, 27.4281, 24.9705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

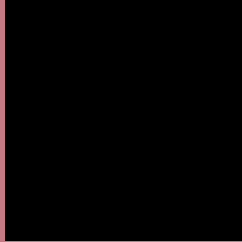
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0822, 27.4281, 24.9705

Background



This preview shows how black text looks on a background with the XYZ color 34.0822, 27.4281, 24.9705.



This preview shows how white text looks on a background with the XYZ color 34.0822, 27.4281,

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

34.0822, 27.4281, 24.9705

Protanopia

26.5590, 27.7089, 29.5397

Deuteranopia

28.0890, 27.5220, 24.2539



Tritanopia

34.0822, 27.4281, 24.9705

Trichromacy



Original Color

34.0822, 27.4281, 24.9705

Protanomaly

28.7685, 27.1623, 27.7713

Deuteranomaly

29.8929, 27.2015, 24.4438

Tritanomaly

34.0822, 27.4281, 24.9705

Monochromacy



Original Color

34.0822, 27.4281, 24.9705

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.9891, 27.6773, 28.6253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0822, 27.4281, 24.9705 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(197, 122, 131)` looks like.

```
.text, #text, p{  
    color:rgb(197, 122, 131)  
}
```

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(197, 122, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 122, 131) }
```

Border

The CSS property to change the border of an element to XYZ 34.0822, 27.4281, 24.9705 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(197, 122, 131) }
```


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

```
.border{ border-color:rgb(197, 122, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 122, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 122, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 122, 131);  
box-shadow:4px 4px 4px 4px rgb(197, 122,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0822, 27.4281, 24.9705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 122, 131) }
```

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

```
.background{ background-color: rgb(197,  
122, 131) }
```

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