

Converting Colors

XYZ(34.1804, 28.9146, 28.8599)

Have a look what the booklet for
XYZ(34.1804, 28.9146, 28.8599)
contains.

XYZ(34.2762, 28.9647, 28.9835)	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(34.2762, 28.9647,
28.9835)**

Conversions

Conversions Part 1

Format	Color
Hex	BF828D
RGB	191, 130, 141
RGB Percent	75%, 51%, 55%
CMY	0.2510, 0.4902, 0.4471
CMYK	0.00, 0.32, 0.26, 0.25
HSL	349°, 32%, 63%
HSV	349°, 32%, 75%
XYZ	34.2762, 28.9647, 28.9835
YIQ	149.4930, 32.8250, 16.3530

Conversions

Conversions Part 2

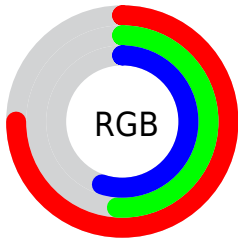
Format	Color
RYB	191, 130, 141
Decimal	12550797
CIELab	60.75, 25.07, 3.67
CIElCh	61, 25.341, 8.335
Yxy	28.9647, 0.3717, 0.3141
Android (android.graphics.Color)	4290740877 (0xFFBF828D)
YUV	149.4930, -4.1870, 36.4016
Hunter-Lab	53.8189, 19.5002, 5.7433

Details

The XYZ color **34.2762, 28.9647, 28.9835** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.0762, 45.3034, 50.0253**, and the grayscale version is **28.7829, 30.2819, 32.9770**.

A 20% lighter version of the original color is **65.4952, 57.7636, 59.3273**, and **14.9103, 11.7269, 11.3752** is the 20% darker color. If you saturate the color by 10%, you get **30.8837, 23.9140, 22.5056**, and if you desaturate by 10%, it is **38.3066, 35.0271, 36.4872**.

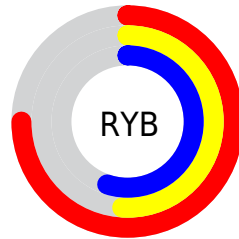
Distribution



Red (75%)

Green (51%)

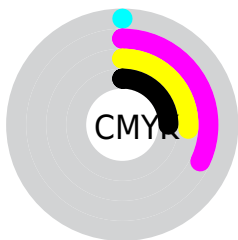
Blue (55%)



Red (75%)

Yellow (51%)

Blue (55%)

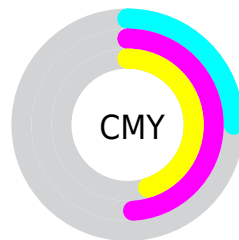


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2762, 28.9647, 28.9835 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 34.2762, 28.9647, 28.9835 by changing the saturation by 10% instead.


 34.2762, 28.9647,
28.9835


 34.2762, 28.9647,
28.9835


312.9262,
297.0484, 311.1956


 23.2698, 19.0541,
18.8229


 65.7044, 58.0210,
59.0927

 14.9146, 11.7094,
11.3668


 86.8569, 77.9355,
79.8784

 8.8454, 6.5461,
6.1969


 112.1220,
101.9534, 105.0429

 4.6968, 3.1799,
2.8944

141.8653,
130.4592, 135.0047

 2.1034, 1.2264,
1.0410

176.4520,
163.8372, 170.1823

 0.6911, 0.0831,
0.0000

216.2474,

 0.0000, 0.0000,

202.4718, 210.9943

0.0000

261.6170,
246.7474, 257.8592

■ 34.2762, 28.9647,
28.9835

■ 34.2762, 28.9647,
28.9835

■ 30.8837, 23.9140,
22.5056

■ 38.3066, 35.0271,
36.4872

■ 28.0937, 19.8159,
17.0069

■ 43.0031, 42.1480,
45.0571

■ 25.8709, 16.6115,
12.4397

■ 48.3950, 50.3762,
54.7335

■ 24.1754, 14.2335,
8.7514

■ 54.5093, 59.7560,
65.5541

■ 22.9618, 12.6053,
5.8841

■ 61.3716, 70.3298,
77.5548

■ 22.1768, 11.6353,
3.7727

■ 69.0059, 82.1372,
90.7699

■ 21.7810, 11.1944,
2.5591

■ 74.5952, 89.5361,
104.2855

■ 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



33.8382, 28.9647, 38.7109



34.2762, 28.9647, 28.9835



32.7968, 28.9647, 21.5815

Triad

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



34.2762, 28.9647, 28.9835



23.7895, 28.9647, 19.3533



25.2598, 28.9647, 51.5510

Complementary

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



34.2762, 28.9647, 28.9835



36.0762, 45.3034, 50.0253

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.



22.8598, 28.9647, 44.1635



34.2762, 28.9647, 28.9835



22.0591, 28.9647, 25.3103

Square

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



34.2762, 28.9647, 28.9835



26.6232, 28.9647, 16.7927



21.7328, 28.9647, 34.2376



28.4573, 28.9647, 53.0764

Rectangle

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



34.2762, 28.9647, 28.9835



30.9866, 28.9647, 18.4933



21.7328, 28.9647, 34.2376



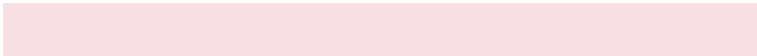
24.3407, 28.9647, 49.6091

Sweetspot

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



34.2770, 28.9661, 28.9841



78.6416, 77.9579, 83.6292



36.1673, 29.4096, 53.0608



16.9828, 16.6832, 17.8474



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.2770, 28.9661, 28.9841



57.2154, 45.6511, 43.9760



36.3137, 34.2846, 25.8244



9.5985, 9.5637, 10.2749



14.3359, 7.3655, 1.7965



0.5833, 0.2972, 0.1850

Inverse Universe

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



34.2770, 28.9661, 28.9841



57.2154, 45.6511, 43.9760



33.3033, 37.8931, 54.8492



9.5985, 9.5637, 10.2749



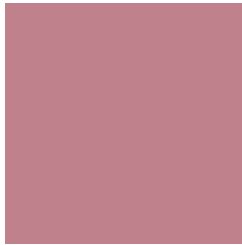
14.3359, 7.3655, 1.7965



0.5833, 0.2972, 0.1850

Previews

White Background



This preview shows how the XYZ color 34.2762, 28.9647, 28.9835 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 34.2762, 28.9647, 28.9835 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 34.2762, 28.9647, 28.9835

Background



This preview shows how black text looks on a background with the XYZ color 34.2762, 28.9647, 28.9835.



This preview shows how white text looks on a background with the XYZ color 34.2762, 28.9647,

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

34.2762, 28.9647, 28.9835

Protanopia

28.1783, 29.1493, 32.9954

Deuteranopia

29.6430, 29.1026, 28.4811



Tritanopia

34.2021, 28.9351, 28.5933

Trichromacy



Original Color

34.2762, 28.9647, 28.9835

Protanomaly

29.9544, 28.7553, 31.5753

Deuteranomaly

31.2777, 29.0691, 28.7733

Tritanomaly

34.2021, 28.9351, 28.5933

Monochromacy



Original Color

34.2762, 28.9647, 28.9835

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.1712, 29.3138, 31.2621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2762, 28.9647, 28.9835 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(191, 130, 141)` looks like.

```
.text, #text, p{  
    color:rgb(191, 130, 141)  
}
```

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(191, 130, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 130, 141) }
```

Border

The CSS property to change the border of an element to XYZ 34.2762, 28.9647, 28.9835 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(191, 130, 141) }
```


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

```
.border{ border-color:rgb(191, 130, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 130, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 130, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 130, 141);  
box-shadow:4px 4px 4px 4px rgb(191, 130,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2762, 28.9647, 28.9835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 130, 141) }
```

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

```
.background{ background-color: rgb(191,  
130, 141) }
```

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