

Converting Colors

XYZ(34.9241, 28.3717, 27.6837)

Have a look what the booklet for
XYZ(34.9241, 28.3717, 27.6837)
contains.

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Color

**XYZ(34.9470, 28.3725,
27.6793)**

Conversions

Conversions Part 1

Format	Color
Hex	C57D8A
RGB	197, 125, 138
RGB Percent	77%, 49%, 54%
CMY	0.2275, 0.5098, 0.4588
CMYK	0.00, 0.37, 0.30, 0.23
HSL	349°, 38%, 63%
HSV	349°, 37%, 77%
XYZ	34.9470, 28.3725, 27.6793
YIQ	148.0100, 38.7390, 19.3070

Conversions

Conversions Part 2

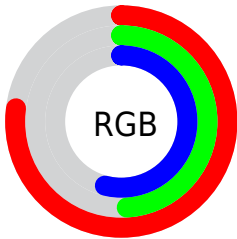
Format	Color
R _Y B	197, 125, 138
Decimal	12942730
CIE Lab	60.22, 29.65, 4.72
CIE LCh	60, 30.025, 9.054
Yxy	28.3725, 0.3840, 0.3118
Android (android.graphics.Color)	4291132810 (0xFFC57D8A)
YUV	148.0100, -4.9349, 42.9642
Hunter-Lab	53.2658, 23.8962, 6.4764

Details

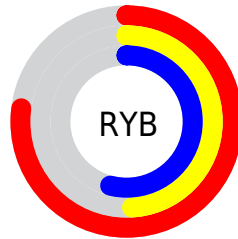
The XYZ color **34.9470, 28.3725, 27.6793** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0767, 47.7538, 52.6130**, and the grayscale version is **28.1618, 29.6284, 32.2653**.

A 20% lighter version of the original color is **66.5644, 56.8624, 56.7574**, and **15.2620, 11.3995, 10.6284** is the 20% darker color. If you saturate the color by 10%, you get **31.6127, 23.4373, 21.2236**, and if you desaturate by 10%, it is **38.9512, 34.3691, 35.2161**.

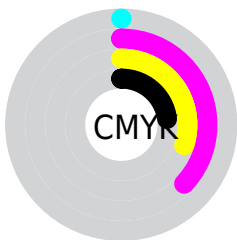
Distribution



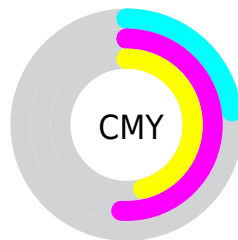
- Red (77%)
- Green (49%)
- Blue (54%)



- Red (77%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (37%)
- Yellow (30%)
- Black (23%)




- Cyan (23%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9470, 28.3725, 27.6793 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 34.9470, 28.3725, 27.6793 by changing the saturation by 10% instead.


 34.9470, 28.3725,
27.6793


 34.9470, 28.3725,
27.6793


315.8464,
294.2426, 304.7949


 23.7884, 18.6066,
17.8471


 66.7382, 57.0786,
56.9889

 15.3006, 11.3864,
10.6720


 88.1015, 76.7877,
77.3035

 9.1183, 6.3274,
5.7353

 113.5971,
100.5799, 101.9492

 4.8762, 3.0451,
2.6187

143.5903,
128.8397, 131.3447

 2.2088, 1.1553,
0.9021

178.4465,
161.9515, 165.9085

 0.7474, 0.0248,
0.0000

218.5310,

 0.0000, 0.0000,

200.2996, 206.0591

0.0000

264.2092,
244.2685, 252.2150

■ 34.9470, 28.3725,
27.6793

■ 34.9470, 28.3725,
27.6793

■ 31.6127, 23.4373,
21.2236

■ 38.9512, 34.3691,
35.2161

■ 28.9090, 19.4977,
15.7973

■ 43.6571, 41.4797,
43.8790

■ 26.7958, 16.4865,
11.3469


■ 49.0974, 49.7586,
53.7127


■ 25.2278, 14.3271,
7.8132


■ 55.3017, 59.2551,
64.7585


■ 24.1522, 12.9299,
5.1305


■ 62.2983, 70.0158,
77.0562

 23.5025, 12.1791,
3.2225

 70.1139, 82.0848,
90.6434

 23.3378, 11.9950,
2.7193

 76.2000, 90.3559,
104.6982

 76.8360, 90.6103,
108.0476

Harmonies

Analogous

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



34.4779, 28.3725, 39.0973



34.9470, 28.3725, 27.6793



33.1255, 28.3725, 19.3806

Triad

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



34.9470, 28.3725, 27.6793



22.5722, 28.3725, 17.1950



24.4096, 28.3725, 55.1863

Complementary

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



34.9470, 28.3725, 27.6793



37.0767, 47.7538, 52.6130

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.



21.6238, 28.3725, 46.2456



34.9470, 28.3725, 27.6793



20.6351, 28.3725, 23.9248

Square

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



34.9470, 28.3725, 27.6793



25.8205, 28.3725, 14.3459



20.3052, 28.3725, 34.3459



28.1474, 28.3725, 56.8749

Rectangle

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



34.9470, 28.3725, 27.6793



30.9505, 28.3725, 16.0591



20.3052, 28.3725, 34.3459



23.3412, 28.3725, 52.8429

Sweetspot

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



34.9478, 28.3739, 27.6799



83.2628, 81.9978, 87.7926



37.1319, 28.8655, 56.4380



17.5359, 17.1160, 18.2743



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.



34.9478, 28.3739, 27.6799



57.6481, 43.4912, 40.0316



37.2871, 34.4694, 24.0918



10.7108, 10.6677, 11.4601



15.3727, 7.8987, 1.9068



0.7524, 0.3838, 0.2195

Inverse Universe

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



34.9478, 28.3739, 27.6799



57.6481, 43.4912, 40.0316



33.7113, 38.7417, 58.5245



10.7108, 10.6677, 11.4601



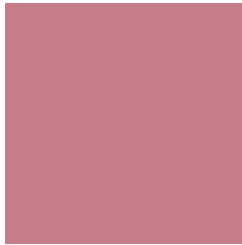
15.3727, 7.8987, 1.9068



0.7524, 0.3838, 0.2195

Previews

White Background



This preview shows how the XYZ color 34.9470, 28.3725, 27.6793 looks on a white background.

Color Contrast Check

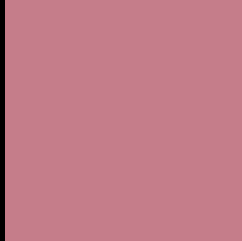
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9470, 28.3725, 27.6793 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 34.9470, 28.3725, 27.6793

Background



This preview shows how black text looks on a background with the XYZ color 34.9470, 28.3725, 27.6793.



This preview shows how white text looks on a background with the XYZ color 34.9470, 28.3725,

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

34.9470, 28.3725, 27.6793

Protanopia

27.5828, 28.6238, 32.5049

Deuteranopia

29.0023, 28.5856, 26.9106



Tritanopia

34.8600, 28.5413, 26.5934

Trichromacy



Original Color

34.9470, 28.3725, 27.6793

Protanomaly

29.7164, 28.2206, 30.6690

Deuteranomaly

30.7871, 28.2195, 27.1168

Tritanomaly

34.9307, 28.5696, 26.9660

Monochromacy



Original Color

34.9470, 28.3725, 27.6793

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.1380, 28.8768, 30.3709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9470, 28.3725, 27.6793 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, 125, 138)` looks like.

```
.text, #text, p{  
    color:rgb(197, 125, 138)  
}
```

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, 125, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 125, 138) }
```

Border

The CSS property to change the border of an element to XYZ 34.9470, 28.3725, 27.6793 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, 125, 138) }
```


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

```
.border{ border-color:rgb(197, 125, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 125, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 125, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 125, 138);  
box-shadow:4px 4px 4px 4px rgb(197, 125,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9470, 28.3725, 27.6793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 125, 138) }
```

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

```
.background{ background-color: rgb(197,  
125, 138) }
```

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](#).

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