

Converting Colors

XYZ(34.8087, 28.8110, 26.2493)

Have a look what the booklet for
XYZ(34.8087, 28.8110, 26.2493)
contains.

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Color

**XYZ(34.7872, 28.8953,
26.2981)**

Conversions

Conversions Part 1

Format	Color
Hex	C48086
RGB	196, 128, 134
RGB Percent	77%, 50%, 53%
CMY	0.2314, 0.4980, 0.4745
CMYK	0.00, 0.35, 0.32, 0.23
HSL	355°, 37%, 64%
HSV	355°, 35%, 77%
XYZ	34.7872, 28.8953, 26.2981
YIQ	149.0160, 38.6020, 16.2820

Conversions

Conversions Part 2

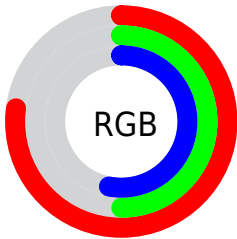
Format	Color
R_{YB}	196, 128, 134
Decimal	12877958
CIE _{Lab}	60.69, 27.10, 7.67
CIE _{LCh}	61, 28.163, 15.805
Yxy	28.8953, 0.3866, 0.3211
Android (android.graphics.Color)	4291068038 (0xFFC48086)
YUV	149.0160, -7.4029, 41.2050
Hunter-Lab	53.7543, 21.4464, 8.6218

Details

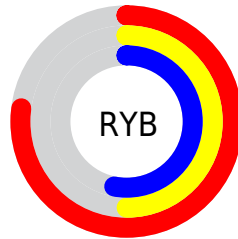
The XYZ color **34.7872, 28.8953, 26.2981** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9376, 47.7875, 55.9421**, and the grayscale version is **28.5932, 30.0823, 32.7596**.

A 20% lighter version of the original color is **66.3666, 57.7064, 54.6543**, and **15.1793, 11.6801, 10.0488** is the 20% darker color. If you saturate the color by 10%, you get **31.3303, 23.8105, 19.5070**, and if you desaturate by 10%, it is **38.9501, 35.0547, 34.3644**.

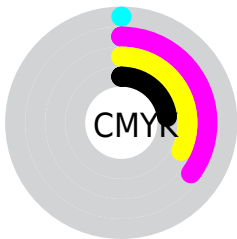
Distribution



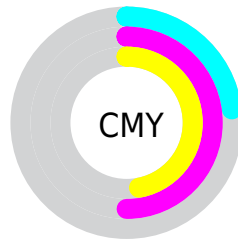
- Red (77%)
- Green (50%)
- Blue (53%)



- Red (77%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)
- Black (23%)





- Cyan (23%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7872, 28.8953, 26.2981 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 34.7872, 28.8953, 26.2981 by changing the saturation by 10% instead.


 34.7872, 28.8953,
26.2981


 34.7872, 28.8953,
26.2981


315.1525,
296.7206, 297.8943


 23.6647, 19.0016,
16.8190


 66.4922, 57.9107,
54.7454

 15.2085, 11.6715,
9.9449


 87.8054, 77.8012,
74.5508

 9.0531, 6.5204,
5.2573


 113.2463,
101.7928, 98.6353

 4.8332, 3.1640,
2.3377

143.1801,
130.2699, 127.4175

 2.1835, 1.2179,
0.7522

177.9723,
163.6168, 161.3160

 0.7340, 0.0763,
0.0000

217.9882,

 0.0000, 0.0000,

202.2179, 200.7492

0.0000

263.5932,
246.4578, 246.1358

■ 34.7872, 28.8953,
26.2981

■ 34.7872, 28.8953,
26.2981

■ 31.3303, 23.8105,
19.5070

■ 38.9501, 35.0547,
34.3644

■ 28.5380, 19.7348,
13.9242

■ 43.8528, 42.3410,
43.7648

■ 26.3680, 16.6022,
9.4792


■ 49.5297, 50.8081,
54.5566


■ 24.7725, 14.3368,
6.0934


■ 56.0124, 60.5051,
66.7931


■ 23.6962, 12.8513,
3.6783

■ 63.3305, 71.4784,
80.5251

 23.0732, 12.0398,
2.1309

 71.5125, 83.7720,
95.8005

 22.8684, 11.7772,
1.6099

 76.5750, 90.4758,
108.0354

Harmonies

Analogous

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



34.8470, 28.8953, 36.6540



34.7872, 28.8953, 26.2981



32.6539, 28.8953, 19.1374

Triad

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



34.7872, 28.8953, 26.2981



22.7324, 28.8953, 19.4255



25.7784, 28.8953, 55.2534

Complementary

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



34.7872, 28.8953, 26.2981



37.9376, 47.7875, 55.9421

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.



22.8556, 28.8953, 48.1890



34.7872, 28.8953, 26.2981



21.2054, 28.8953, 26.7851

Square

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



34.7872, 28.8953, 26.2981



25.5963, 28.8953, 15.8119



21.2484, 28.8953, 37.2613



29.4207, 28.8953, 55.0409

Rectangle

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



34.7872, 28.8953, 26.2981



30.4427, 28.8953, 16.4564



21.2484, 28.8953, 37.2613



24.6864, 28.8953, 53.5932

Sweetspot

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



34.7880, 28.8967, 26.2987



83.9277, 83.3876, 87.8288



38.7198, 30.2697, 56.0266



17.6550, 17.3877, 18.2110



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.



34.7880, 28.8967, 26.2987



57.9295, 44.8545, 37.6572



38.4168, 36.8048, 25.5030



10.1085, 10.0920, 10.6617



14.7079, 7.5729, 1.1079



0.6480, 0.3322, 0.1139

Inverse Universe

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



34.7880, 28.8967, 26.2987



57.9295, 44.8545, 37.6572



33.0179, 36.8775, 57.6026



10.1085, 10.0920, 10.6617



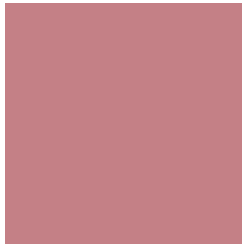
14.7079, 7.5729, 1.1079



0.6480, 0.3322, 0.1139

Previews

White Background



This preview shows how the XYZ color 34.7872, 28.8953, 26.2981 looks on a white background.

Color Contrast Check

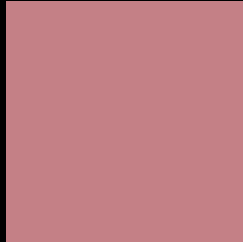
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7872, 28.8953, 26.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

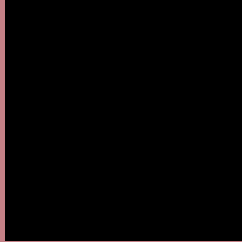
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.7872, 28.8953, 26.2981

Background



This preview shows how black text looks on a background with the XYZ color 34.7872, 28.8953, 26.2981.



This preview shows how white text looks on a background with the XYZ color 34.7872, 28.8953,

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

34.7872, 28.8953, 26.2981

Protanopia

27.8906, 29.0554, 30.5238

Deuteranopia

29.4156, 28.8227, 25.8428



Tritanopia

34.9995, 28.9802, 27.4160

Trichromacy



Original Color

34.7872, 28.8953, 26.2981

Protanomaly

29.9026, 28.5742, 28.7503

Deuteranomaly

31.1693, 28.6489, 26.0773

Tritanomaly

34.9281, 28.9517, 27.0399

Monochromacy



Original Color

34.7872, 28.8953, 26.2981

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.2848, 29.1704, 30.4198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7872, 28.8953, 26.2981 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(196, 128, 134)` looks like.

```
.text, #text, p{  
    color:rgb(196, 128, 134)  
}
```

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(196, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 128, 134) }
```

Border

The CSS property to change the border of an element to XYZ 34.7872, 28.8953, 26.2981 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(196, 128, 134) }
```


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

```
.border{ border-color:rgb(196, 128, 134) }
```

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

Here you see how a box with a 4 pixel rgb(196, 128, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 128, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 128, 134);  
box-shadow:4px 4px 4px 4px rgb(196, 128,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7872, 28.8953, 26.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 128, 134) }
```

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

```
.background{ background-color: rgb(196,  
128, 134) }
```

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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