

Converting Colors

XYZ(35.2094, 29.0301, 24.7911)

Have a look what the booklet for
XYZ(35.2094, 29.0301, 24.7911)
contains.

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Color

**XYZ(35.1718, 28.9326,
24.8499)**

Conversions

Conversions Part 1

Format	Color
Hex	C77F82
RGB	199, 127, 130
RGB Percent	78%, 50%, 51%
CMY	0.2196, 0.5019, 0.4902
CMYK	0.00, 0.36, 0.35, 0.22
HSL	358°, 39%, 64%
HSV	358°, 36%, 78%
XYZ	35.1718, 28.9326, 24.8499
YIQ	148.8700, 41.9490, 16.1970

Conversions

Conversions Part 2

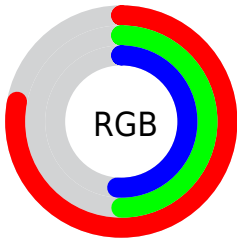
Format	Color
RYB	199, 127, 130
Decimal	13074306
CIELab	60.72, 28.27, 10.06
CIElCh	61, 30.005, 19.583
Yxy	28.9326, 0.3954, 0.3253
Android (android.graphics.Color)	4291264386 (0xFFC77F82)
YUV	148.8700, -9.3029, 43.9640
Hunter-Lab	53.7890, 22.5875, 10.2610

Details

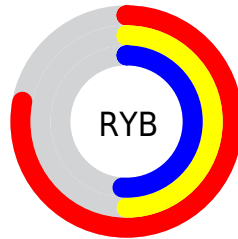
The XYZ color **35.1718, 28.9326, 24.8499** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1409, 49.3450, 59.6888**, and the grayscale version is **28.5387, 30.0249, 32.6971**.

A 20% lighter version of the original color is **66.1085, 57.3214, 52.3796**, and **15.4668, 11.7415, 9.2357** is the 20% darker color. If you saturate the color by 10%, you get **31.6872, 23.8256, 17.9471**, and if you desaturate by 10%, it is **39.4028, 35.1524, 33.1727**.

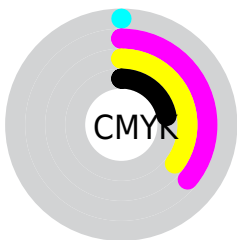
Distribution



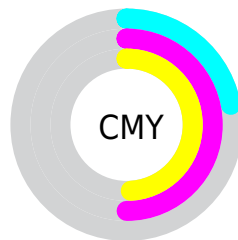
- Red (78%)
- Green (50%)
- Blue (51%)



- Red (78%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (36%)
- Yellow (35%)
- Black (22%)





- Cyan (22%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1718, 28.9326, 24.8499 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 35.1718, 28.9326, 24.8499 by changing the saturation by 10% instead.


 35.1718, 28.9326,
24.8499

 35.1718, 28.9326,
24.8499


316.8207,
296.8968, 290.5133


 23.9624, 19.0298,
15.7473


 67.0841, 57.9700,
52.3747

 15.4303, 11.6918,
9.1931

 88.5177, 77.8734,
71.6340

 9.2102, 6.5342,
4.7688


 114.0900,
101.8791, 95.1158

 4.9368, 3.1726,
2.0559

144.1665,
130.3716, 123.2388

 2.2446, 1.2225,
0.5893

179.1125,
163.7352, 156.4216

 0.7661, 0.0799,
0.0000

219.2933,

 0.0000, 0.0000,

202.3544, 195.0825

0.0000

265.0742,
246.6134, 239.6403

■ 35.1718, 28.9326,
24.8499

■ 35.1718, 28.9326,
24.8499

■ 31.6872, 23.8256,
17.9471

■ 39.4028, 35.1524,
33.1727

■ 28.9035, 19.7620,
12.3835

■ 44.4177, 42.5409,
42.9868

■ 26.7740, 16.6710,
8.0727

■ 50.2540, 51.1551,
54.3609

■ 25.2451, 14.4714,
4.9175

■ 56.9462, 61.0471,
67.3587

■ 24.2548, 13.0686,
2.8064

■ 64.5271, 72.2661,
82.0405

■ 23.7260, 12.3433,
1.6055

■ 73.0274, 84.8586,
98.4635

■ 23.5985, 12.1602,
1.3411

■ 77.3631, 90.8821,
108.0723

Harmonies

Analogous

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



35.5379, 28.9326, 35.5397



35.1718, 28.9326, 24.8499



32.6436, 28.9326, 17.8379

Triad

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



35.1718, 28.9326, 24.8499



22.1853, 28.9326, 19.5479



26.1683, 28.9326, 57.6397

Complementary

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



35.1718, 28.9326, 24.8499



39.1409, 49.3450, 59.6888

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.



22.9265, 28.9326, 50.8046



35.1718, 28.9326, 24.8499



20.7751, 28.9326, 27.7835

Square

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



35.1718, 28.9326, 24.8499



25.0662, 28.9326, 15.3144



21.0330, 28.9326, 39.2480



30.0855, 28.9326, 56.3234

Rectangle

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



35.1718, 28.9326, 24.8499



30.1943, 28.9326, 15.3805



21.0330, 28.9326, 39.2480



24.9702, 28.9326, 56.1665

Sweetspot

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



35.1726, 28.9340, 24.8505



82.7153, 81.7788, 84.9093



40.5081, 30.9592, 57.8734



17.4065, 17.0643, 17.5933



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.



35.1726, 28.9340, 24.8505



56.9169, 43.8171, 34.2748



39.8518, 38.6096, 25.4326



10.6515, 10.6440, 11.1478



15.1824, 7.8225, 0.9047



0.7253, 0.3729, 0.0764

Inverse Universe

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



35.1726, 28.9340, 24.8505



56.9169, 43.8171, 34.2748



32.8080, 36.1279, 59.2770



10.6515, 10.6440, 11.1478



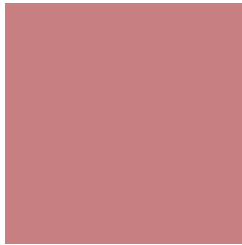
15.1824, 7.8225, 0.9047



0.7253, 0.3729, 0.0764

Previews

White Background



This preview shows how the XYZ color 35.1718, 28.9326, 24.8499 looks on a white background.

Color Contrast Check

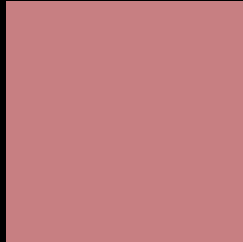
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1718, 28.9326, 24.8499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

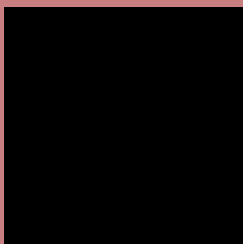
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1718, 28.9326, 24.8499

Background



This preview shows how black text looks on a background with the XYZ color 35.1718, 28.9326, 24.8499.



This preview shows how white text looks on a background with the XYZ color 35.1718, 28.9326,

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

35.1718, 28.9326, 24.8499

Protanopia

27.7750, 29.0305, 28.9505

Deuteranopia

29.5041, 28.9069, 24.1032



Tritanopia

35.7242, 28.9786, 27.0031

Trichromacy



Original Color

35.1718, 28.9326, 24.8499

Protanomaly

29.8250, 28.5676, 27.2347

Deuteranomaly

31.2908, 28.7505, 24.3223

Tritanomaly

35.5833, 28.9223, 26.2614

Monochromacy



Original Color

35.1718, 28.9326, 24.8499

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.3437, 29.2182, 29.6316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1718, 28.9326, 24.8499 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(199, 127, 130)` looks like.

```
.text, #text, p{  
    color:rgb(199, 127, 130)  
}
```

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(199, 127, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 127, 130) }
```

Border

The CSS property to change the border of an element to XYZ 35.1718, 28.9326, 24.8499 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(199, 127, 130) }
```


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

```
.border{ border-color:rgb(199, 127, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 127, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 127, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 127, 130);  
box-shadow:4px 4px 4px 4px rgb(199, 127,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1718, 28.9326, 24.8499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 127, 130) }
```

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

```
.background{ background-color: rgb(199,  
127, 130) }
```

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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