

Converting Colors

XYZ(35.9256, 28.8524, 26.0985)

Have a look what the booklet for
XYZ(35.9256, 28.8524, 26.0985)
contains.

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Color

**XYZ(35.9938, 28.9450,
26.2441)**

Conversions

Conversions Part 1	
Format	Color
Hex	CA7D86
RGB	202, 125, 134
RGB Percent	79%, 49%, 53%
CMY	0.2078, 0.5098, 0.4745
CMYK	0.00, 0.38, 0.34, 0.21
HSL	353°, 42%, 64%
HSV	353°, 38%, 79%
XYZ	35.9938, 28.9450, 26.2441
YIQ	149.0490, 43.0030, 19.1230

Conversions

Conversions Part 2

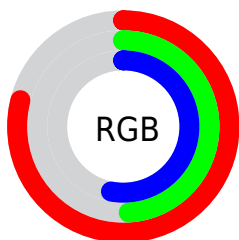
Format	Color
RYB	202, 125, 134
Decimal	13270406
CIELab	60.73, 31.00, 7.83
CIELCh	61, 31.971, 14.179
Yxy	28.9450, 0.3947, 0.3174
Android (android.graphics.Color)	4291460486 (0xFFCA7D86)
YUV	149.0490, -7.4192, 46.4380
Hunter-Lab	53.8006, 25.2696, 8.7385

Details

The XYZ color **35.9938, 28.9450, 26.2441** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2049, 50.4519, 58.1266**, and the grayscale version is **28.6059, 30.0957, 32.7742**.

A 20% lighter version of the original color is **66.3297, 57.0881, 54.5368**, and **16.0098, 11.7990, 10.0280** is the 20% darker color. If you saturate the color by 10%, you get **32.5507, 23.8848, 19.4667**, and if you desaturate by 10%, it is **40.1684, 35.1320, 34.3015**.

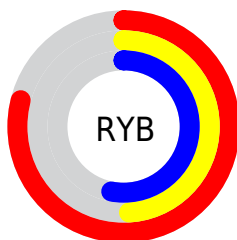
Distribution



Red (79%)

Green (49%)

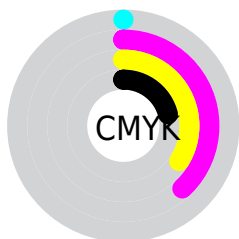
Blue (53%)



Red (79%)

Yellow (49%)

Blue (53%)

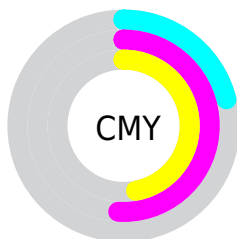


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (21%)



Cyan (21%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9938, 28.9450, 26.2441 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 35.9938, 28.9450, 26.2441 by changing the saturation by 10% instead.


 35.9938, 28.9450,
26.2441

 35.9938, 28.9450,
26.2441


320.3652,
296.9554, 297.6218

 24.5995, 19.0392,
16.7789


 68.3464, 57.9897,
54.6574

 15.9061, 11.6986,
9.9167


 90.0355, 77.8974,
74.4426

 9.5481, 6.5388,
5.2389


 115.8868,
101.9078, 98.5049

 5.1603, 3.1754,
2.3269

146.2658,
130.4055, 127.2628

 2.3774, 1.2240,
0.7462

181.5377,
163.7746, 161.1350

 0.8338, 0.0812,
0.0000


222.0680,


 0.0000, 0.0000,

202.3997, 200.5398


0.0000


268.2221,
246.6652, 245.8959


 35.9938, 28.9450,
26.2441


 35.9938, 28.9450,
26.2441


 32.5507, 23.8848,
19.4667


 40.1684, 35.1320,
34.3015

 29.7945, 19.8795,
13.9017


 45.1110, 42.5035,
43.6985


 27.6793, 16.8556,
9.4775


 50.8585, 51.1185,
54.4929


 26.1527, 14.7281,
6.1146


 57.4447, 61.0308,
66.7387


 25.1537, 13.3980,
3.7229

 64.9013, 72.2908,
80.4869

 24.5958, 12.7181,
2.1930

 73.2587, 84.9464,
95.7862

 24.5179, 12.6209,
1.9863

 78.1671, 91.2966,
108.1099

Harmonies

Analogous

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



35.9231, 28.9450, 38.1647



35.9938, 28.9450, 26.2441



33.6386, 28.9450, 18.1242

Triad

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



35.9938, 28.9450, 26.2441



22.3176, 28.9450, 17.8060



25.3932, 28.9450, 59.0061

Complementary

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



35.9938, 28.9450, 26.2441



39.2049, 50.4519, 58.1266

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.



22.1773, 28.9450, 50.2715



35.9938, 28.9450, 26.2441



20.5273, 28.9450, 25.6885

Square

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



35.9938, 28.9450, 26.2441



25.6030, 28.9450, 14.1488



20.4787, 28.9450, 37.4509



29.5123, 28.9450, 59.2638

Rectangle

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



35.9938, 28.9450, 26.2441



31.1346, 28.9450, 15.0986



20.4787, 28.9450, 37.4509



24.1807, 28.9450, 56.8817

Sweetspot

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



35.9946, 28.9464, 26.2447



83.0103, 81.8968, 86.4628



39.6659, 30.1046, 59.5973



17.4762, 17.0922, 17.9600



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.



35.9946, 28.9464, 26.2447



55.9043, 41.5985, 34.5335



39.4892, 36.8974, 24.4444



11.2647, 11.2346, 11.9288



15.7942, 8.1283, 1.3690



0.8331, 0.4266, 0.1668

Inverse Universe

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



35.9946, 28.9464, 26.2447



55.9043, 41.5985, 34.5335



34.2103, 38.8075, 61.5647



11.2647, 11.2346, 11.9288



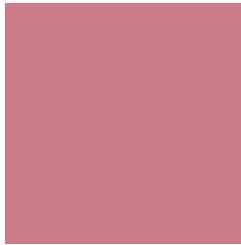
15.7942, 8.1283, 1.3690



0.8331, 0.4266, 0.1668

Previews

White Background



This preview shows how the XYZ color 35.9938, 28.9450, 26.2441 looks on a white background.

Color Contrast Check

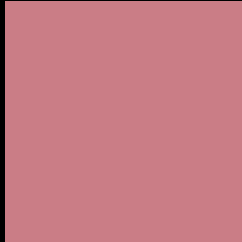
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9938, 28.9450, 26.2441 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 35.9938, 28.9450, 26.2441

Background



This preview shows how black text looks on a background with the XYZ color 35.9938, 28.9450, 26.2441.



This preview shows how white text looks on a background with the XYZ color 35.9938, 28.9450,

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

35.9938, 28.9450, 26.2441

Protanopia

28.0449, 29.1171, 31.3362

Deuteranopia

29.7061, 29.2002, 25.5432



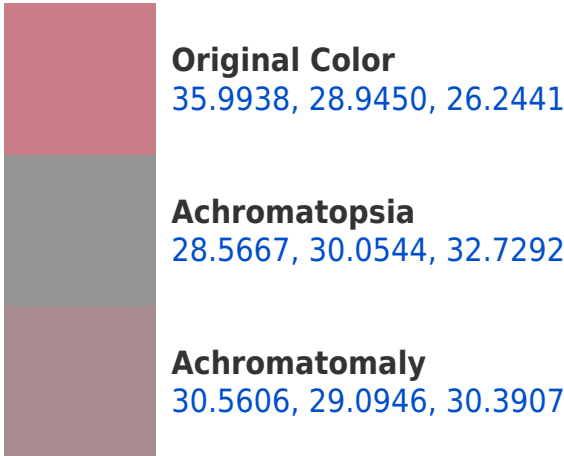
Tritanopia

35.9938, 28.9450, 26.2441

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9938, 28.9450, 26.2441 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(202, 125, 134)` looks like.

```
.text, #text, p{  
    color:rgb(202, 125, 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(202, 125, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 125, 134) }
```

Border

The CSS property to change the border of an element to XYZ 35.9938, 28.9450, 26.2441 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(202, 125, 134) }
```


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

```
.border{ border-color:rgb(202, 125, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 125, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 125, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 125, 134);  
box-shadow:4px 4px 4px 4px rgb(202, 125,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9938, 28.9450, 26.2441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 125, 134) }
```

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

```
.background{ background-color: rgb(202,  
125, 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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