

Converting Colors

XYZ(35.9025, 28.3452, 24.8422)

Have a look what the booklet for
XYZ(35.9025, 28.3452, 24.8422)
contains.

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Color

**XYZ(35.8906, 28.3681,
24.7030)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7A82
RGB	204, 122, 130
RGB Percent	80%, 48%, 51%
CMY	0.2000, 0.5215, 0.4902
CMYK	0.00, 0.40, 0.36, 0.20
HSL	354°, 45%, 64%
HSV	354°, 40%, 80%
XYZ	35.8906, 28.3681, 24.7030
YIQ	147.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

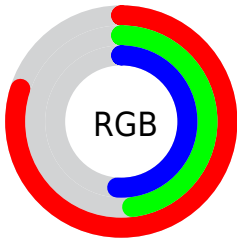
Format	Color
RYB	204, 122, 130
Decimal	13400706
CIELab	60.22, 32.86, 9.43
CIELCh	60, 34.190, 16.014
Yxy	28.3681, 0.4034, 0.3189
Android (android.graphics.Color)	4291590786 (0xFFCC7A82)
YUV	147.4300, -8.5930, 49.6119
Hunter-Lab	53.2617, 27.0749, 9.7843

Details

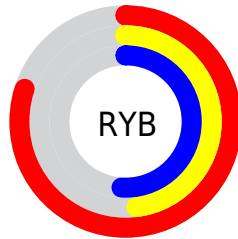
The XYZ color **35.8906, 28.3681, 24.7030** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.5840, 51.3094, 60.0447**, and the grayscale version is **27.9330, 29.3877, 32.0032**.

A 20% lighter version of the original color is **65.3126, 55.7296, 52.1143**, and **15.7711, 11.3036, 9.1352** is the 20% darker color. If you saturate the color by 10%, you get **32.5164, 23.4235, 18.0172**, and if you desaturate by 10%, it is **40.0132, 34.4554, 32.7297**.

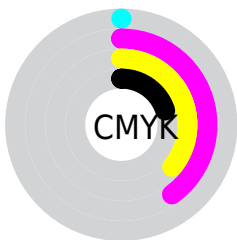
Distribution



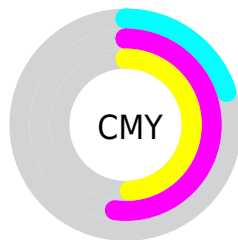
- Red (80%)
- Green (48%)
- Blue (51%)



- Red (80%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (40%)
- Yellow (36%)
- Black (20%)





- Cyan (20%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8906, 28.3681, 24.7030 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 35.8906, 28.3681, 24.7030 by changing the saturation by 10% instead.


 35.8906, 28.3681,
24.7030


 35.8906, 28.3681,
24.7030


319.9217,
294.2217, 289.7558


 24.5194, 18.6033,
15.6389


 68.1882, 57.0716,
52.1331

 15.8462, 11.3840,
9.1174

 89.8452, 76.7791,
71.3362

 9.5055, 6.3257,
4.7200


 115.6617,
100.5696, 94.7561

 5.1321, 3.0441,
2.0281

146.0029,
128.8276, 122.8113

 2.3605, 1.1548,
0.5725

181.2341,
161.9374, 155.9203

 0.8254, 0.0243,
0.0000

221.7207,

 0.0000, 0.0000,

200.2834, 194.5017

0.0000

267.8282,
244.2500, 238.9740

■ 35.8906, 28.3681,
24.7030

■ 35.8906, 28.3681,
24.7030

■ 32.5164, 23.4235,
18.0172

■ 40.0132, 34.4554,
32.7297

■ 29.8433, 19.5463,
12.5975

■ 44.9231, 41.7462,
42.1633

■ 27.8223, 16.6590,
8.3642


■ 50.6593, 50.3018,
53.0673


■ 26.3970, 14.6715,
5.2280

■ 57.2574, 60.1783,
65.5009

■ 25.5011, 13.4775,
3.0866

■ 64.7511, 71.4285,
79.5200

 25.0271, 12.8875,
1.8253

 73.1721, 84.1020,
95.1778

 78.7118, 91.5774,
108.1354

Harmonies

Analogous

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



35.9840, 28.3681, 37.0885



35.8906, 28.3681, 24.7030



33.2418, 28.3681, 16.5863

Triad

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



35.8906, 28.3681, 24.7030



21.3484, 28.3681, 16.9883



24.9794, 28.3681, 60.6845

Complementary

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



35.8906, 28.3681, 24.7030



39.5840, 51.3094, 60.0447

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.



21.5293, 28.3681, 51.6841



35.8906, 28.3681, 24.7030



19.5917, 28.3681, 25.4203

Square

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



35.8906, 28.3681, 24.7030



24.7067, 28.3681, 13.0272



19.6542, 28.3681, 38.0278



29.3527, 28.3681, 60.3386

Rectangle

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



35.8906, 28.3681, 24.7030



30.5318, 28.3681, 13.6825



19.6542, 28.3681, 38.0278



23.6838, 28.3681, 58.5651

Sweetspot

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



35.8914, 28.3695, 24.7035



81.9215, 80.3538, 84.1432



40.5724, 29.9891, 60.7768



17.2561, 16.7833, 17.4819



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.



35.8914, 28.3695, 24.7035



54.6479, 39.9558, 31.4325



40.1037, 37.6199, 23.5618



11.2560, 11.2311, 11.8829



15.7683, 8.1179, 1.2324



0.8290, 0.4250, 0.1454

Inverse Universe

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



35.8914, 28.3695, 24.7035



54.6479, 39.9558, 31.4325



33.5270, 37.6999, 62.6365



11.2560, 11.2311, 11.8829



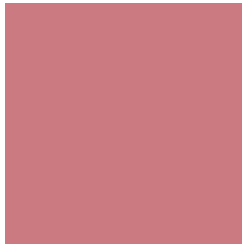
15.7683, 8.1179, 1.2324



0.8290, 0.4250, 0.1454

Previews

White Background



This preview shows how the XYZ color 35.8906, 28.3681, 24.7030 looks on a white background.

Color Contrast Check

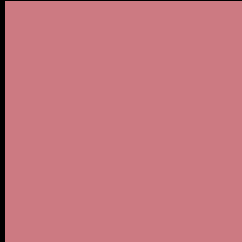
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8906, 28.3681, 24.7030 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 35.8906, 28.3681, 24.7030

Background



This preview shows how black text looks on a background with the XYZ color 35.8906, 28.3681, 24.7030.



This preview shows how white text looks on a background with the XYZ color 35.8906, 28.3681,

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

35.8906, 28.3681, 24.7030

Protanopia

27.4023, 28.5934, 29.6660

Deuteranopia

28.9347, 28.3955, 24.0345



Tritanopia

35.9581, 28.3951, 25.0583

Trichromacy



Original Color

35.8906, 28.3681, 24.7030

Protanomaly

29.8953, 28.1613, 27.9048

Deuteranomaly

31.1062, 28.0369, 24.1943

Tritanomaly

35.9581, 28.3951, 25.0583

Monochromacy



Original Color

35.8906, 28.3681, 24.7030

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.0446, 28.4249, 29.1023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8906, 28.3681, 24.7030 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(204, 122, 130)` looks like.

```
.text, #text, p{  
    color:rgb(204, 122, 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(204, 122, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 122, 130) }
```

Border

The CSS property to change the border of an element to XYZ 35.8906, 28.3681, 24.7030 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(204, 122, 130) }
```


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

```
.border{ border-color:rgb(204, 122, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 122, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 122, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 122, 130);  
box-shadow:4px 4px 4px 4px rgb(204, 122,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8906, 28.3681, 24.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 122, 130) }
```

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

```
.background{ background-color: rgb(204,  
122, 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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