

Converting Colors

XYZ(40.8698, 35.7627, 40.8252)

Have a look what the booklet for
XYZ(40.8698, 35.7627, 40.8252)
contains.

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Color

**XYZ(40.8698, 35.7627,
40.8252)**

Conversions

Conversions Part 1

Format	Color
Hex	C793A6
RGB	199, 147, 166
RGB Percent	78%, 58%, 65%
CMY	0.2196, 0.4235, 0.3490
CMYK	0.00, 0.26, 0.17, 0.22
HSL	338°, 32%, 68%
HSV	338°, 26%, 78%
XYZ	40.8698, 35.7627, 40.8252
YIQ	164.7140, 24.8930, 16.9330

Conversions

Conversions Part 2

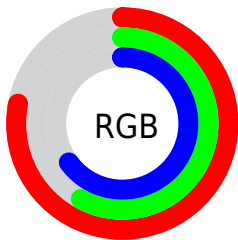
Format	Color
R _Y B	199, 147, 166
Decimal	13079462
CIE Lab	66.34, 22.48, -2.26
CIE LCh	66, 22.598, 354.272
Yxy	35.7627, 0.3480, 0.3045
Android (android.graphics.Color)	4291269542 (0xFFC793A6)
YUV	164.7140, 0.6340, 30.0688
Hunter-Lab	59.8019, 17.3370, 1.3856

Details

The XYZ color **40.8698, 35.7627, 40.8252** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6957, 50.3460, 50.7552**, and the grayscale version is **35.6168, 37.4716, 40.8066**.

A 20% lighter version of the original color is **75.1778, 68.2537, 77.6186**, and **18.7217, 15.5099, 17.9266** is the 20% darker color. If you saturate the color by 10%, you get **36.9367, 29.6602, 34.0762**, and if you desaturate by 10%, it is **45.4540, 42.9845, 48.3534**.

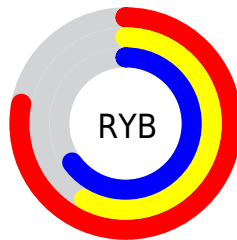
Distribution



Red (78%)

Green (58%)

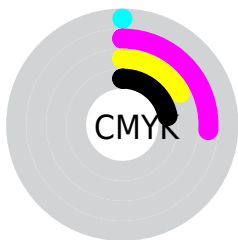
Blue (65%)



Red (78%)

Yellow (58%)

Blue (65%)

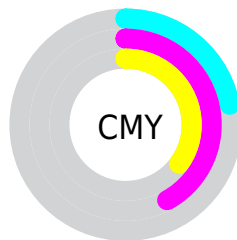


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8698, 35.7627, 40.8252 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 40.8698, 35.7627, 40.8252 by changing the saturation by 10% instead.


 40.8698, 35.7627,
40.8252


 40.8698, 35.7627,
40.8252

340.8480,
327.9222, 365.2445

 28.4046, 24.2510,
27.8639


 75.7622, 68.6656,
77.6693

 18.7729, 15.5199,
17.9849


 98.9200, 90.8257,
102.3890

 11.6093, 9.1851,
10.7698


126.3728,
117.3039, 131.8654

 6.5485, 4.8621,
5.8001

158.4859,
148.4847, 166.5168

 3.2252, 2.1666,
2.6571

195.6246,
184.7526, 206.7619

 1.2739, 0.7017,
0.9217

238.1543,

 0.1636, 0.0000,

226.4918, 253.0192

0.0000

286.4403,
274.0869, 305.7072

■ 0.0000, 0.0000,
0.0000

■ 40.8698, 35.7627,
40.8252

■ 40.8698, 35.7627,
40.8252

■ 36.9367, 29.6602,
34.0762

■ 45.4540, 42.9845,
48.3534

■ 33.6209, 24.6157,
28.0779

■ 50.7150, 51.3732,
56.6837

■ 30.8899, 20.5695,
22.8029

■ 56.6807, 60.9794,
65.8405

■ 28.7069, 17.4537,
18.2213

■ 63.3765, 71.8493,
75.8468

■ 27.0309, 15.1921,
14.3008

■ 70.8267, 84.0269,
86.7243

■ 25.8142, 13.6960,
11.0056

■ 75.3072, 90.0597,
97.2450

■ 24.9975, 12.8537,
8.2949

■ 77.2683, 90.8442,
107.5721

■ 24.7461, 12.6193,
7.3833

■ 77.3633, 90.8822,
108.0723

Harmonies

Analogous

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



39.5394, 35.7627, 50.8387



40.8698, 35.7627, 40.8252



40.2606, 35.7627, 31.7850

Triad

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



40.8698, 35.7627, 40.8252



31.3916, 35.7627, 24.3288



30.3391, 35.7627, 56.0697

Complementary

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



40.8698, 35.7627, 40.8252



40.6957, 50.3460, 50.7552

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.



28.4093, 35.7627, 47.0943



40.8698, 35.7627, 40.8252



28.9882, 35.7627, 29.0590

Square

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



40.8698, 35.7627, 40.8252



34.6436, 35.7627, 23.2129



27.9315, 35.7627, 37.1128



33.3474, 35.7627, 60.5271

Rectangle

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



40.8698, 35.7627, 40.8252



38.8557, 35.7627, 27.3479



27.9315, 35.7627, 37.1128



29.5509, 35.7627, 53.4159

Sweetspot

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



40.8708, 35.7643, 40.8259



86.8689, 86.8619, 96.2336



39.5507, 34.6880, 58.6440



18.2837, 18.0968, 20.1109



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.



40.8708, 35.7643, 40.8259



67.7545, 56.6906, 65.0215



40.3655, 37.3395, 32.6855



10.7914, 10.6999, 11.8846



15.9509, 8.1299, 4.9515



0.7900, 0.3989, 0.4176

Inverse Universe

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



40.8708, 35.7643, 40.8259



67.7545, 56.6906, 65.0215



41.2069, 48.0561, 61.1371



10.7914, 10.6999, 11.8846



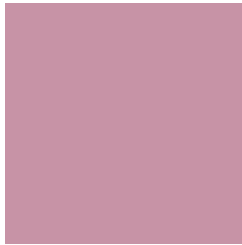
15.9509, 8.1299, 4.9515



0.7900, 0.3989, 0.4176

Previews

White Background



This preview shows how the XYZ color 40.8698, 35.7627, 40.8252 looks on a white background.

Color Contrast Check

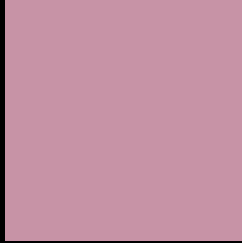
Large Text (above 18pt) WCAG AA × Fail

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 40.8698, 35.7627, 40.8252 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 ✓ Pass

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

XYZ 40.8698, 35.7627, 40.8252

Background



This preview shows how black text looks on a background with the XYZ color 40.8698, 35.7627, 40.8252.



This preview shows how white text looks on a background with the XYZ color 40.8698, 35.7627,

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

40.8698, 35.7627, 40.8252

Protanopia

35.0828, 36.1228, 45.1677

Deuteranopia

36.6623, 36.0244, 40.1430



Tritanopia

40.1366, 35.6888, 37.5741

Trichromacy



Original Color

40.8698, 35.7627, 40.8252

Protanomaly

36.9183, 35.8312, 43.4984

Deuteranomaly

37.9499, 35.6894, 40.4859

Tritanomaly

40.4002, 35.7942, 38.9621

Monochromacy



Original Color

40.8698, 35.7627, 40.8252

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.1499, 36.5174, 40.6879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8698, 35.7627, 40.8252 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, 147, 166)` looks like.

```
.text, #text, p{  
    color:rgb(199, 147, 166)  
}
```

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, 147, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 147, 166) }
```

Border

The CSS property to change the border of an element to XYZ 40.8698, 35.7627, 40.8252 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, 147, 166) }
```


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

```
.border{ border-color:rgb(199, 147, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 147, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 147, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 147, 166);  
box-shadow:4px 4px 4px 4px rgb(199, 147,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8698, 35.7627, 40.8252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 147, 166) }
```

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

```
.background{ background-color: rgb(199,  
147, 166) }
```

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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