

Converting Colors

XYZ(40.9870, 35.6618, 43.5115)

Have a look what the booklet for
XYZ(40.9870, 35.6618, 43.5115)
contains.

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Color

**XYZ(41.1688, 35.8518,
43.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	C693AC
RGB	198, 147, 172
RGB Percent	78%, 58%, 67%
CMY	0.2235, 0.4235, 0.3255
CMYK	0.00, 0.26, 0.13, 0.22
HSL	331°, 31%, 68%
HSV	331°, 26%, 78%
XYZ	41.1688, 35.8518, 43.7800
YIQ	165.0990, 22.3710, 18.5870

Conversions

Conversions Part 2

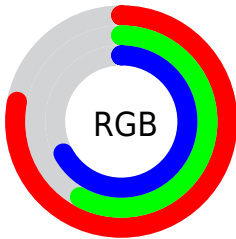
Format	Color
R _Y B	198, 147, 172
Decimal	13013932
CIE Lab	66.41, 23.11, -5.54
CIE LCh	66, 23.762, 346.527
Yxy	35.8518, 0.3408, 0.2968
Android (android.graphics.Color)	4291204012 (0xFFC693AC)
YUV	165.0990, 3.4022, 28.8542
Hunter-Lab	59.8764, 17.9464, -1.4378

Details

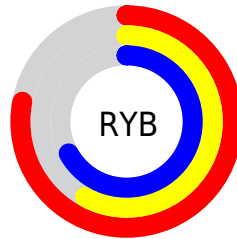
The XYZ color **41.1688, 35.8518, 43.7800** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7710, 49.6092, 47.0169**, and the grayscale version is **35.7892, 37.6531, 41.0042**.

A 20% lighter version of the original color is **75.9918, 68.5793, 81.9050**, and **18.9007, 15.5614, 19.7768** is the 20% darker color. If you saturate the color by 10%, you get **37.4180, 29.8429, 37.9268**, and if you desaturate by 10%, it is **45.5253, 42.9533, 50.1993**.

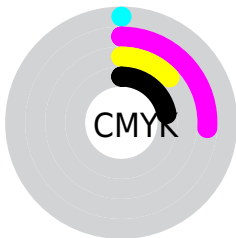
Distribution



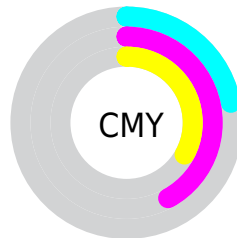
- Red (78%)
- Green (58%)
- Blue (67%)



- Red (78%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (13%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1688, 35.8518, 43.7800 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 41.1688, 35.8518, 43.7800 by changing the saturation by 10% instead.


 41.1688, 35.8518,
43.7800


 41.1688, 35.8518,
43.7800

342.0762,
328.3123, 377.8248

 28.6393, 24.3198,
30.1617


 76.2132, 68.8033,
82.1855

 18.9510, 15.5710,
19.7082


 99.4587, 90.9915,
107.8098

 11.7387, 9.2211,
12.0012


127.0069,
117.5005, 138.2732

 6.6369, 4.8857,
6.6219

159.2232,
148.7148, 173.9941

 3.2804, 2.1803,
3.1520

196.4729,
185.0188, 215.3912

 1.3037, 0.7092,
1.1727

239.1214,

 0.1860, 0.0000,

226.7967, 262.8830

0.0000

287.5341,
274.4331, 316.8880

0.0000, 0.0000,
0.0000

41.1688, 35.8518,
43.7800

41.1688, 35.8518,
43.7800

37.4180, 29.8429,
37.9268

45.5253, 42.9533,
50.1993

34.2409, 24.8667,
32.6199

50.5111, 51.1934,
57.1991

31.6074, 20.8651,
27.8412

56.1523, 60.6216,
64.7961

29.4832, 17.7721,
23.5707

62.4728, 71.2829,
73.0056

27.8296, 15.5136,
19.7866

69.4948, 83.2200,
81.8420

■ 26.6021, 14.0033,
16.4647

■ 73.6955, 89.3845,
90.1380

■ 25.7456, 13.1345,
13.5769

■ 75.1760, 89.9767,
97.9340

■ 25.4490, 12.8699,
12.4648

■ 76.7402, 90.6024,
106.1714

■ 77.0989, 90.7458,
108.0599

Harmonies

Analogous

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



39.2839, 35.8518, 54.1221



41.1688, 35.8518, 43.7800



41.0619, 35.8518, 33.7258

Triad

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



41.1688, 35.8518, 43.7800



32.1674, 35.8518, 23.1093



29.5840, 35.8518, 55.0450

Complementary

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



41.1688, 35.8518, 43.7800



39.7710, 49.6092, 47.0169

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.



27.9312, 35.8518, 44.8773



41.1688, 35.8518, 43.7800



29.3501, 35.8518, 27.0521

Square

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



41.1688, 35.8518, 43.7800



35.6944, 35.8518, 22.9194



27.8487, 35.8518, 34.6487



32.5074, 35.8518, 61.3494

Rectangle

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



41.1688, 35.8518, 43.7800



39.8724, 35.8518, 28.5008



27.8487, 35.8518, 34.6487



28.8706, 35.8518, 51.8931

Sweetspot

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



41.1698, 35.8534, 43.7807



87.2542, 87.0160, 98.2628



37.7514, 33.7739, 57.9557



18.3805, 18.1355, 20.6208



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.



41.1698, 35.8534, 43.7807



68.9824, 57.1818, 71.4876



38.9902, 34.9816, 32.3029



10.8469, 10.7221, 12.1771



16.5930, 8.3868, 8.3326



0.8223, 0.4117, 0.5871

Inverse Universe

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



41.1698, 35.8534, 43.7807



68.9824, 57.1818, 71.4876



42.4208, 50.6692, 60.9707



10.8469, 10.7221, 12.1771



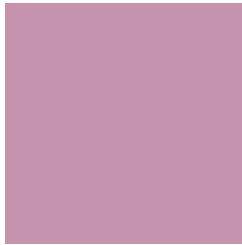
16.5930, 8.3868, 8.3326



0.8223, 0.4117, 0.5871

Previews

White Background



This preview shows how the XYZ color 41.1688, 35.8518, 43.7800 looks on a white background.

Color Contrast Check

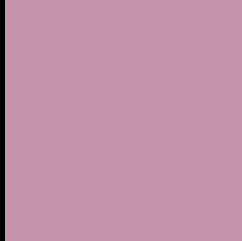
Large Text (above 18pt) WCAG AA × Fail

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 41.1688, 35.8518, 43.7800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

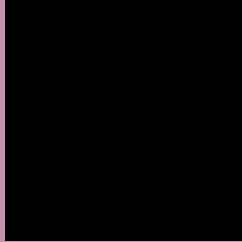
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1688, 35.8518, 43.7800

Background



This preview shows how black text looks on a background with the XYZ color 41.1688, 35.8518, 43.7800.



This preview shows how white text looks on a background with the XYZ color 41.1688, 35.8518,

43.7800.

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

41.1688, 35.8518, 43.7800

Protanopia

35.2812, 36.1560, 48.2993

Deuteranopia

36.7682, 36.0149, 43.0439



Tritanopia

40.1186, 35.9033, 38.0733

Trichromacy



Original Color

41.1688, 35.8518, 43.7800

Protanomaly

37.0579, 35.8355, 46.5588

Deuteranomaly

38.2704, 35.7900, 43.4192

Tritanomaly

40.3167, 35.7305, 39.8937

Monochromacy



Original Color

41.1688, 35.8518, 43.7800

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.4262, 36.6280, 42.1431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1688, 35.8518, 43.7800 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(198, 147, 172)` looks like.

```
.text, #text, p{  
    color:rgb(198, 147, 172)  
}
```

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(198, 147, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 147, 172) }
```

Border

The CSS property to change the border of an element to XYZ 41.1688, 35.8518, 43.7800 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(198, 147, 172) }
```


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

```
.border{ border-color:rgb(198, 147, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 147, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 147, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 147, 172);  
box-shadow:4px 4px 4px 4px rgb(198, 147,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1688, 35.8518, 43.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 147, 172) }
```

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

```
.background{ background-color: rgb(198,  
147, 172) }
```

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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