

Converting Colors

XYZ(40.7247, 35.5916, 42.0443)

Have a look what the booklet for
XYZ(40.7247, 35.5916, 42.0443)
contains.

XYZ(40.8839, 35.7378, 42.2794)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.8839, 35.7378,
42.2794)**

Conversions

Conversions Part 1

Format	Color
Hex	C693A9
RGB	198, 147, 169
RGB Percent	78%, 58%, 66%
CMY	0.2235, 0.4235, 0.3373
CMYK	0.00, 0.26, 0.15, 0.22
HSL	334°, 31%, 68%
HSV	334°, 26%, 78%
XYZ	40.8839, 35.7378, 42.2794
YIQ	164.7570, 23.3340, 17.6540

Conversions

Conversions Part 2

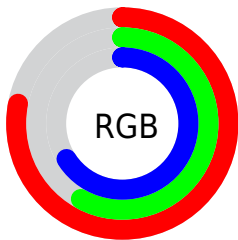
Format	Color
R _Y B	198, 147, 169
Decimal	13013929
CIE Lab	66.32, 22.61, -3.98
CIE LCh	66, 22.958, 350.015
Yxy	35.7378, 0.3438, 0.3006
Android (android.graphics.Color)	4291204009 (0xFFC693A9)
YUV	164.7570, 2.0918, 29.1541
Hunter-Lab	59.7811, 17.4580, -0.0853

Details

The XYZ color **40.8839, 35.7378, 42.2794** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.0647, 49.7268, 48.5633**, and the grayscale version is **35.6311, 37.4867, 40.8231**.

A 20% lighter version of the original color is **75.5812, 68.4151, 79.7429**, and **18.7214, 15.4897, 18.8327** is the 20% darker color. If you saturate the color by 10%, you get **37.0541, 29.6973, 36.0103**, and if you desaturate by 10%, it is **45.3367, 42.8778, 49.2061**.

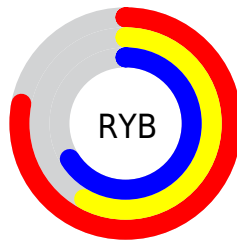
Distribution



Red (78%)

Green (58%)

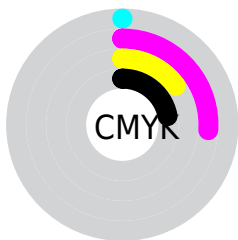
Blue (66%)



Red (78%)

Yellow (58%)

Blue (66%)

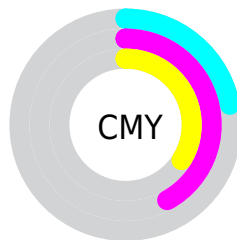


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8839, 35.7378, 42.2794 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 40.8839, 35.7378, 42.2794 by changing the saturation by 10% instead.


 40.8839, 35.7378,
42.2794


 40.8839, 35.7378,
42.2794


340.9060,
327.8131, 371.4736

 28.4156, 24.2318,
28.9929

 75.7834, 68.6272,
79.8970

 18.7813, 15.5056,
18.8299


 98.9454, 90.7793,
105.0651

 11.6154, 9.1750,
11.3719


126.4027,
117.2489, 135.0309

 6.5527, 4.8555,
6.2003

158.5207,
148.4204, 170.2129

 3.2278, 2.1627,
2.8965

195.6646,
184.6782, 211.0297

 1.2753, 0.6996,
1.0420

238.1999,

 0.1646, 0.0000,

226.4066, 257.8997

0.0000

286.4919,
273.9901, 311.2415

■ 0.0000, 0.0000,
0.0000

■ 40.8839, 35.7378,
42.2794

■ 40.8839, 35.7378,
42.2794

■ 37.0541, 29.6973,
36.0103

■ 45.3367, 42.8778,
49.2061

■ 33.8148, 24.6962,
30.3756

■ 50.4369, 51.1637,
56.8083

■ 31.1351, 20.6761,
25.3536

■ 56.2112, 60.6451,
65.1056

■ 28.9800, 17.5708,
20.9204

■ 62.6838, 71.3673,
74.1164

■ 27.3100, 15.3057,
17.0500

■ 69.8778, 83.3732,
83.8582

■ 26.0798, 13.7944,
13.7140

■ 74.2706, 89.6146,
93.1663

■ 25.2334, 12.9296,
10.8795

■ 75.9641, 90.2920,
102.0840

■ 24.9447, 12.6682,
9.8092

■ 77.0989, 90.7459,
108.0599

Harmonies

Analogous

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



39.2743, 35.7378, 52.3516



40.8839, 35.7378, 42.2794



40.5473, 35.7378, 32.8006

Triad

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



40.8839, 35.7378, 42.2794



31.7606, 35.7378, 23.7297



29.9045, 35.7378, 55.2482

Complementary

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



40.8839, 35.7378, 42.2794



40.0647, 49.7268, 48.5633

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.



28.1414, 35.7378, 45.7398



40.8839, 35.7378, 42.2794



29.1620, 35.7378, 27.9957

Square

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



40.8839, 35.7378, 42.2794



35.1239, 35.7378, 23.1205



27.8791, 35.7378, 35.7291



32.8372, 35.7378, 60.6296

Rectangle

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



40.8839, 35.7378, 42.2794



39.2719, 35.7378, 27.9898



27.8791, 35.7378, 35.7291



29.1640, 35.7378, 52.3606

Sweetspot

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



40.8849, 35.7394, 42.2801



87.0720, 86.9431, 97.3029



38.5101, 34.1649, 57.9914



18.3346, 18.1172, 20.3794



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.



40.8849, 35.7394, 42.2801



68.3942, 56.9465, 68.3903



39.5268, 36.0546, 32.4817



10.8206, 10.7116, 12.0387



16.2632, 8.2548, 6.5958



0.8062, 0.4053, 0.5027

Inverse Universe

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



40.8849, 35.7394, 42.2801



68.3942, 56.9465, 68.3903



41.6525, 49.1325, 60.7148



10.8206, 10.7116, 12.0387



16.2632, 8.2548, 6.5958



0.8062, 0.4053, 0.5027

Previews

White Background



This preview shows how the XYZ color 40.8839, 35.7378, 42.2794 looks on a white background.

Color Contrast Check

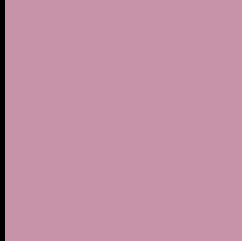
Large Text (above 18pt) WCAG AA × Fail

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 40.8839, 35.7378, 42.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

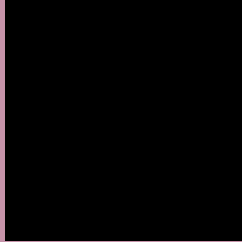
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8839, 35.7378, 42.2794

Background



This preview shows how black text looks on a background with the XYZ color 40.8839, 35.7378, 42.2794.



This preview shows how white text looks on a background with the XYZ color 40.8839, 35.7378,

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

40.8839, 35.7378, 42.2794

Protanopia

35.0038, 35.7895, 46.6581

Deuteranopia

36.7112, 36.0179, 41.5765



Tritanopia

40.1186, 35.9033, 38.0733

Trichromacy



Original Color

40.8839, 35.7378, 42.2794

Protanomaly

36.8169, 35.4974, 44.9556

Deuteranomaly

37.9876, 35.6769, 41.9300

Tritanomaly

40.2267, 35.6945, 39.4199

Monochromacy



Original Color

40.8839, 35.7378, 42.2794

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.2413, 36.5540, 41.1692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8839, 35.7378, 42.2794 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(198, 147, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 147, 169) }
```

Border

The CSS property to change the border of an element to XYZ 40.8839, 35.7378, 42.2794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

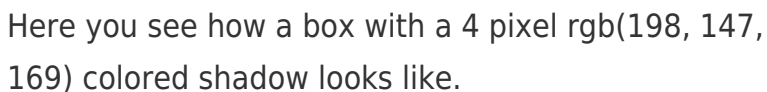
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 147, 169) }
```


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

```
.border{ border-color:rgb(198, 147, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 147, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 147, 169); box-shadow:4px 4px 4px 4px rgb(198, 147, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8839, 35.7378, 42.2794 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, 169) }
```

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

```
.background{ background-color: rgb(198,  
147, 169) }
```

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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