

Converting Colors

XYZ(42.3041, 39.9563, 41.1177)

Have a look what the booklet for
XYZ(42.3041, 39.9563, 41.1177)
contains.

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Color

**XYZ(42.3014, 39.9421,
41.0774)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A1A5
RGB	196, 161, 165
RGB Percent	77%, 63%, 65%
CMY	0.2314, 0.3686, 0.3529
CMYK	0.00, 0.18, 0.16, 0.23
HSL	353°, 23%, 70%
HSV	353°, 18%, 77%
XYZ	42.3014, 39.9421, 41.0774
YIQ	171.9210, 19.5760, 8.6640

Conversions

Conversions Part 2

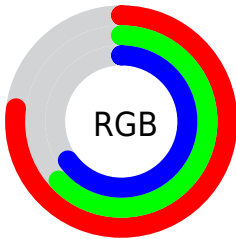
Format	Color
R_{YB}	196, 161, 165
Decimal	12886437
CIE _{Lab}	69.43, 13.52, 2.78
CIE _{LCh}	69, 13.804, 11.601
Yxy	39.9421, 0.3430, 0.3239
Android (android.graphics.Color)	4291076517 (0xFFC4A1A5)
YUV	171.9210, -3.4121, 21.1173
Hunter-Lab	63.1998, 8.8755, 5.7036

Details

The XYZ color **42.3014, 39.9421, 41.0774** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9539, 50.8638, 57.3728**, and the grayscale version is **39.1834, 41.2240, 44.8929**.

A 20% lighter version of the original color is **77.9821, 75.1617, 78.1077**, and **19.6046, 17.8803, 18.0408** is the 20% darker color. If you saturate the color by 10%, you get **37.6666, 33.0319, 32.2581**, and if you desaturate by 10%, it is **47.6899, 48.0155, 51.2073**.

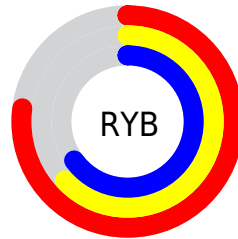
Distribution



Red (77%)

Green (63%)

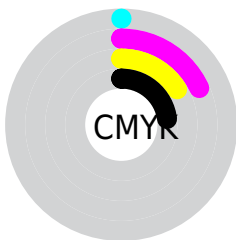
Blue (65%)



Red (77%)

Yellow (63%)

Blue (65%)

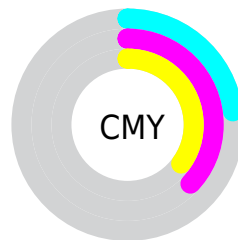


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (23%)



Cyan (23%)


Magenta (37%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3014, 39.9421, 41.0774 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 42.3014, 39.9421, 41.0774 by changing the saturation by 10% instead.


 42.3014, 39.9421,
41.0774


 42.3014, 39.9421,
41.0774


346.7012,
345.8795, 366.3302

 29.5295, 27.4934,
28.0594


 77.9179, 75.0753,
78.0563

 19.6280, 17.9441,
18.1310


 101.4932, 98.5287,
102.8543

 12.2316, 10.9099,
10.8737


129.4003,
126.4190, 132.4161

 6.9750, 6.0063,
5.8689

162.0047,
159.1307, 167.1602

 3.4926, 2.8489,
2.6980

199.6716,
197.0482, 207.5051

 1.4193, 1.0534,
0.9424

242.7664,

 0.2699, 0.0000,

240.5559, 253.8694

0.0000

291.6545,
290.0382, 306.6716

■ 0.0000, 0.0000,
0.0000

■ 42.3014, 39.9421,
41.0774

■ 42.3014, 39.9421,
41.0774

■ 37.6666, 33.0319,
32.2581

■ 47.6899, 48.0155,
51.2073

■ 33.7487, 27.2261,
24.6934

■ 53.8601, 57.2966,
62.6957

■ 30.5126, 22.4692,
18.3268

■ 60.8429, 67.8342,
75.5912

■ 27.9191, 18.6984,
13.0966

■ 68.6662, 79.6726,
89.9393

■ 25.9250, 15.8442,
8.9358

■ 76.0658, 90.2721,
105.3529

■ 24.4816, 13.8283,
5.7698

■ 76.5752, 90.4759,
108.0354

■ 23.5325, 12.5590,
3.5147

■ 22.9985, 11.9022,
2.0688

■ 22.9137, 11.7953,
1.8476

Harmonies

Analogous

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



42.1607, 39.9421, 47.4648



42.3014, 39.9421, 41.0774



41.2467, 39.9421, 35.8667

Triad

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



42.3014, 39.9421, 41.0774



35.1991, 39.9421, 34.9726



36.6321, 39.9421, 56.1546

Complementary

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



42.3014, 39.9421, 41.0774



43.9539, 50.8638, 57.3728

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.



34.8598, 39.9421, 52.1239



42.3014, 39.9421, 41.0774



34.0550, 39.9421, 39.7439

Square

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



42.3014, 39.9421, 41.0774



37.1117, 39.9421, 32.5786



33.9333, 39.9421, 45.9956



38.8288, 39.9421, 56.6008

Rectangle

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



42.3014, 39.9421, 41.0774



40.0308, 39.9421, 33.5967



33.9333, 39.9421, 45.9956



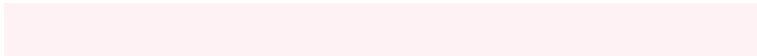
35.9692, 39.9421, 55.1570

Sweetspot

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



42.3025, 39.9439, 41.0782



89.3511, 91.4270, 98.2920



44.4271, 40.6727, 57.7342



18.9598, 19.3211, 20.7305



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.



42.3025, 39.9439, 41.0782



73.5635, 67.7761, 68.5994



44.4159, 44.7439, 40.0158



10.1189, 10.0962, 10.7169



14.7395, 7.5856, 1.2745



0.6528, 0.3341, 0.1388

Inverse Universe

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



42.3025, 39.9439, 41.0782



73.5635, 67.7761, 68.5994



41.5109, 45.2594, 58.7732



10.1189, 10.0962, 10.7169



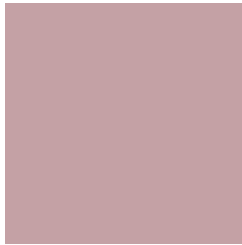
14.7395, 7.5856, 1.2745



0.6528, 0.3341, 0.1388

Previews

White Background



This preview shows how the XYZ color 42.3014, 39.9421, 41.0774 looks on a white background.

Color Contrast Check

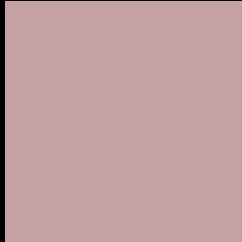
Large Text (above 18pt) WCAG AA × Fail

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 42.3014, 39.9421, 41.0774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

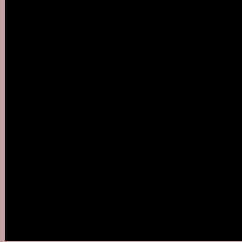
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3014, 39.9421, 41.0774

Background



This preview shows how black text looks on a background with the XYZ color 42.3014, 39.9421, 41.0774.



This preview shows how white text looks on a background with the XYZ color 42.3014, 39.9421,

41.0774.

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

42.3014, 39.9421, 41.0774

Protanopia

38.5830, 40.1247, 43.2474

Deuteranopia

40.7153, 39.9226, 40.6819



Tritanopia

43.0432, 39.9905, 44.4800

Trichromacy



Original Color

42.3014, 39.9421, 41.0774

Protanomaly

39.7602, 39.9233, 42.6562

Deuteranomaly

41.2839, 39.9511, 40.6574

Tritanomaly

42.7582, 39.8765, 42.9795

Monochromacy



Original Color

42.3014, 39.9421, 41.0774

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.2201, 40.6936, 43.2709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3014, 39.9421, 41.0774 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(196, 161, 165)` looks like.

```
.text, #text, p{  
    color:rgb(196, 161, 165)  
}
```

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(196, 161, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 161, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.3014, 39.9421, 41.0774 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(196, 161, 165) }
```


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

```
.border{ border-color:rgb(196, 161, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 161, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 161, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 161, 165);  
box-shadow:4px 4px 4px 4px rgb(196, 161,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3014, 39.9421, 41.0774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 161, 165) }
```

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

```
.background{ background-color: rgb(196,  
161, 165) }
```

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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