

Converting Colors

XYZ(42.9155, 41.7607, 35.6775)

Have a look what the booklet for
XYZ(42.9155, 41.7607, 35.6775)
contains.

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Color

**XYZ(42.8569, 41.6815,
35.4923)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A698
RGB	199, 166, 152
RGB Percent	78%, 65%, 60%
CMY	0.2196, 0.3490, 0.4039
CMYK	0.00, 0.17, 0.24, 0.22
HSL	18°, 30%, 69%
HSV	18°, 24%, 78%
XYZ	42.8569, 41.6815, 35.4923
YIQ	174.2710, 24.1620, 2.6420

Conversions

Conversions Part 2

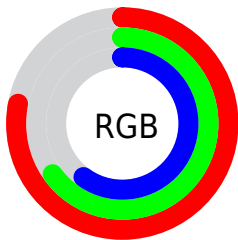
Format	Color
R _{YB}	199, 172, 152
Decimal	13084312
CIE Lab	70.65, 9.92, 11.75
CIE LCh	71, 15.378, 49.850
Yxy	41.6815, 0.3570, 0.3473
Android (android.graphics.Color)	4291274392 (0xFFC7A698)
YUV	174.2710, -10.9796, 21.6873
Hunter-Lab	64.5612, 5.5094, 12.5984

Details

The XYZ color **42.8569, 41.6815, 35.4923** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6063, 45.4957, 60.6745**, and the grayscale version is **40.4183, 42.5232, 46.3078**.

A 20% lighter version of the original color is **78.2370, 77.4291, 69.2143**, and **19.8679, 18.9035, 14.9135** is the 20% darker color. If you saturate the color by 10%, you get **38.9589, 36.2784, 26.8152**, and if you desaturate by 10%, it is **47.3066, 47.7496, 45.7033**.

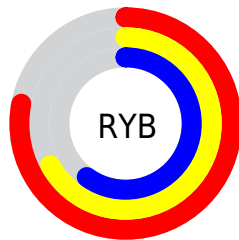
Distribution



Red (78%)

Green (65%)

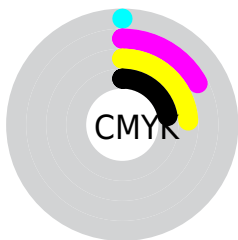
Blue (60%)



Red (78%)

Yellow (67%)

Blue (60%)

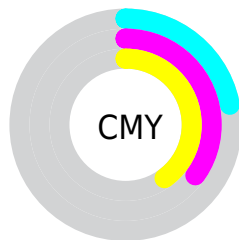


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8569, 41.6815, 35.4923 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 42.8569, 41.6815, 35.4923 by changing the saturation by 10% instead.


 42.8569, 41.6815,
35.4923

 42.8569, 41.6815,
35.4923


348.9544,
353.1609, 341.7061

 29.9669, 28.8520,
23.7558


 78.7519, 77.7174,
69.4079

 19.9614, 18.9689,
14.9420

 102.4877,
101.6925, 92.4241

 12.4751, 11.6478,
8.6325


130.5693,
130.1516, 120.0372

 7.1426, 6.5043,
4.4088

163.3623,
163.4791, 152.6658

 3.5986, 3.1541,
1.8522

201.2320,
202.0594, 190.7285

 1.4776, 1.2127,
0.4620

244.5436,

 0.3105, 0.0720,

246.2769, 234.6437

0.0000

293.6627,
296.5159, 284.8300

■ 0.0000, 0.0000,
0.0000

■ 42.8569, 41.6815,
35.4923

■ 42.8569, 41.6815,
35.4923

■ 38.9589, 36.2784,
26.8152

■ 47.3066, 47.7496,
45.7033

■ 35.5867, 31.5116,
19.5948

■ 52.3256, 54.4989,
57.5154

■ 32.7175, 27.3586,
13.7507

■ 57.9350, 61.9520,
70.9945

■ 30.3252, 23.7934,
9.1940

■ 64.1538, 70.1288,
86.2024

■ 28.3811, 20.7879,
5.8249

■ 70.9999, 79.0485,
103.1977

■ 26.8532, 18.3115,
3.5289

■ 75.7360, 87.6275,
107.5298

■ 25.7039, 16.3301,
2.1680

■ 77.3633, 90.8822,
108.0723

■ 25.1324, 15.3003,
1.6286

Harmonies

Analogous

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



44.4005, 41.6815, 40.7895



42.8569, 41.6815, 35.4923



40.4857, 41.6815, 32.9390

Triad

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



42.8569, 41.6815, 35.4923



34.9926, 41.6815, 42.9588



41.3020, 41.6815, 59.8839

Complementary

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



42.8569, 41.6815, 35.4923



40.6063, 45.4957, 60.6745

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.



38.7609, 41.6815, 60.6248



42.8569, 41.6815, 35.4923



35.1901, 41.6815, 50.3113

Square

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



42.8569, 41.6815, 35.4923



35.9930, 41.6815, 36.9338



36.5447, 41.6815, 56.9616



43.4765, 41.6815, 55.0339

Rectangle

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



42.8569, 41.6815, 35.4923



38.7857, 41.6815, 32.9287



36.5447, 41.6815, 56.9616



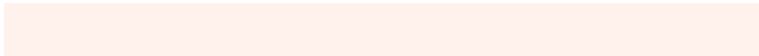
40.4601, 41.6815, 60.6403

Sweetspot

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



42.8580, 41.6834, 35.4932



88.4397, 91.1667, 93.1714



43.6111, 38.1308, 51.3399



18.8129, 19.3566, 19.6669



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.



42.8580, 41.6834, 35.4932



71.6510, 68.3062, 54.5359



47.3793, 50.7259, 37.0002



10.8872, 11.1435, 11.1399



16.2280, 9.9731, 1.0697



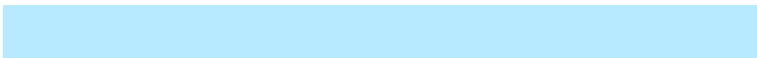
0.8327, 0.6008, 0.0721

Inverse Universe

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



40.6063, 45.4957, 60.6745



67.0664, 76.0509, 105.7523



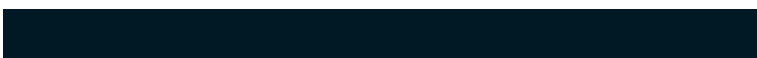
36.2109, 36.7048, 59.2093



10.6696, 11.5133, 13.5774



12.7111, 14.8161, 36.9342



0.6629, 0.8235, 1.7692

Previews

White Background



This preview shows how the XYZ color 42.8569, 41.6815, 35.4923 looks on a white background.

Color Contrast Check

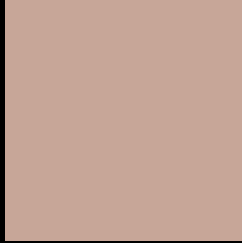
Large Text (above 18pt) WCAG AA × Fail

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 42.8569, 41.6815, 35.4923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

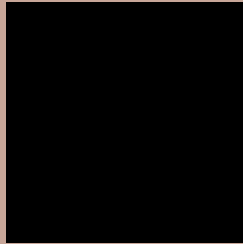
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8569, 41.6815, 35.4923

Background



This preview shows how black text looks on a background with the XYZ color 42.8569, 41.6815, 35.4923.



This preview shows how white text looks on a background with the XYZ color 42.8569, 41.6815,

35.4923.

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

42.8569, 41.6815, 35.4923

Protanopia

39.4913, 41.5749, 36.9537

Deuteranopia

42.5122, 41.7747, 35.5285



Tritanopia

45.1922, 41.8461, 46.2527

Trichromacy



Original Color

42.8569, 41.6815, 35.4923

Protanomaly

40.7010, 41.6473, 36.4654

Deuteranomaly

42.7749, 41.9102, 35.5408

Tritanomaly

44.3379, 41.7584, 42.2825

Monochromacy



Original Color

42.8569, 41.6815, 35.4923

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.9743, 41.9463, 42.0133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8569, 41.6815, 35.4923 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, 166, 152)` looks like.

```
.text, #text, p{  
    color:rgb(199, 166, 152)  
}
```

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, 166, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 166, 152) }
```

Border

The CSS property to change the border of an element to XYZ 42.8569, 41.6815, 35.4923 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, 166, 152) }
```


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

```
.border{ border-color:rgb(199, 166, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 166, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 166, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 166, 152);  
box-shadow:4px 4px 4px 4px rgb(199, 166,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8569, 41.6815, 35.4923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 166, 152) }
```

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

```
.background{ background-color: rgb(199,  
166, 152) }
```

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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