

Converting Colors

XYZ(42.8725, 39.3554, 35.1243)

Have a look what the booklet for
XYZ(42.8725, 39.3554, 35.1243)
contains.

XYZ(42.9013, 39.3601, 35.0419)	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(42.9013, 39.3601,
35.0419)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9D98
RGB	205, 157, 152
RGB Percent	80%, 62%, 60%
CMY	0.1961, 0.3843, 0.4039
CMYK	0.00, 0.23, 0.26, 0.20
HSL	6°, 35%, 70%
HSV	6°, 26%, 80%
XYZ	42.9013, 39.3601, 35.0419
YIQ	170.7820, 30.2130, 8.6210

Conversions

Conversions Part 2

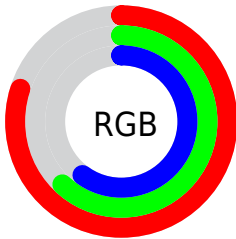
Format	Color
R _{YB}	205, 158, 152
Decimal	13475224
CIE Lab	69.01, 17.11, 9.51
CIE LCh	69, 19.581, 29.066
Yxy	39.3601, 0.3657, 0.3355
Android (android.graphics.Color)	4291665304 (0xFFCD9D98)
YUV	170.7820, -9.2595, 30.0092
Hunter-Lab	62.7376, 12.2712, 10.8001

Details

The XYZ color **42.9013, 39.3601, 35.0419** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6220, 52.3901, 65.5182**, and the grayscale version is **38.6346, 40.6466, 44.2641**.

A 20% lighter version of the original color is **75.9241, 72.8032, 68.4433**, and **19.9782, 17.5268, 14.6420** is the 20% darker color. If you saturate the color by 10%, you get **38.4595, 32.9352, 25.9814**, and if you desaturate by 10%, it is **48.1126, 46.8592, 45.7915**.

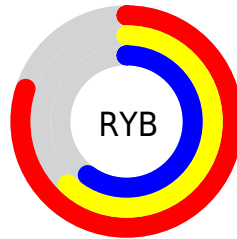
Distribution



Red (80%)

Green (62%)

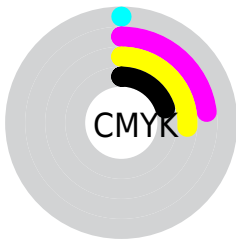
Blue (60%)



Red (80%)

Yellow (62%)

Blue (60%)

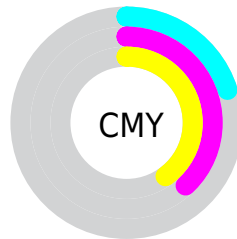


Cyan (0%)

Magenta (23%)

Yellow (26%)

Black (20%)



Cyan (20%)

Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9013, 39.3601, 35.0419 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 42.9013, 39.3601, 35.0419 by changing the saturation by 10% instead.


 42.9013, 39.3601,
35.0419


 42.9013, 39.3601,
35.0419


349.1341,
343.4191, 339.6631

 30.0019, 27.0400,
23.4113


 78.8185, 74.1881,
68.7030

 19.9881, 17.6032,
14.6894


 102.5671, 97.4648,
91.5706

 12.4946, 10.6655,
8.4575


130.6626,
125.1624, 119.0209

 7.1560, 5.8424,
4.2971

163.4707,
157.6654, 151.4726

 3.6071, 2.7495,
1.7897

201.3565,
195.3582, 189.3441

 1.4823, 1.0024,
0.4212

244.6854,

 0.3138, 0.0000,

238.6251, 233.0540

0.0000

293.8228,
287.8506, 283.0208

■ 0.0000, 0.0000,
0.0000

■ 42.9013, 39.3601,
35.0419

■ 42.9013, 39.3601,
35.0419

■ 38.4595, 32.9352,
25.9814

■ 48.1126, 46.8592,
45.7915

■ 34.7478, 27.5301,
18.5217

■ 54.1244, 55.4728,
58.3075

■ 31.7278, 23.0940,
12.5704

■ 60.9694, 65.2458,
72.6652

■ 29.3564, 19.5693,
8.0245

■ 68.6780, 76.2190,
88.9349

■ 27.5856, 16.8926,
4.7682

■ 77.2788, 88.4312,
107.1833

■ 26.3608, 14.9922,
2.6669

■ 78.9869, 91.7192,
108.1483

■ 25.6166, 13.7841,
1.5546

■ 25.4158, 13.4570,
1.2579

Harmonies

Analogous

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



43.7333, 39.3601, 43.1370



42.9013, 39.3601, 35.0419



40.5790, 39.3601, 29.7473

Triad

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



42.9013, 39.3601, 35.0419



32.4985, 39.3601, 34.6196



37.3129, 39.3601, 62.4263

Complementary

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



42.9013, 39.3601, 35.0419



44.6220, 52.3901, 65.5182

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.



34.4116, 39.3601, 59.3421



42.9013, 39.3601, 35.0419



31.7287, 39.3601, 42.5771

Square

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



42.9013, 39.3601, 35.0419



34.5720, 39.3601, 29.5284



32.4096, 39.3601, 51.7542



40.4005, 39.3601, 59.6906

Rectangle

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



42.9013, 39.3601, 35.0419



38.5597, 39.3601, 28.1076



32.4096, 39.3601, 51.7542



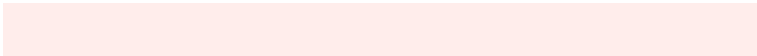
36.2845, 39.3601, 62.0294

Sweetspot

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



42.9024, 39.3619, 35.0427



86.3248, 87.5294, 90.6397



46.8990, 39.6335, 60.1801



18.1473, 18.2627, 18.7129



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.



42.9024, 39.3619, 35.0427



66.0905, 58.4305, 48.8432



47.7609, 49.0791, 36.6622



11.2961, 11.3812, 11.6809



15.8537, 8.4403, 0.7936



0.8478, 0.4952, 0.0509

Inverse Universe

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



44.6220, 52.3901, 65.5182



69.3682, 83.2943, 107.0291



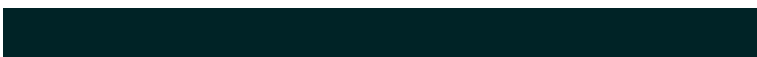
39.1209, 41.3879, 63.6845



11.4492, 12.5389, 14.3872



17.7824, 24.5887, 39.7651



0.9444, 1.3225, 2.0604

Previews

White Background



This preview shows how the XYZ color 42.9013, 39.3601, 35.0419 looks on a white background.

Color Contrast Check

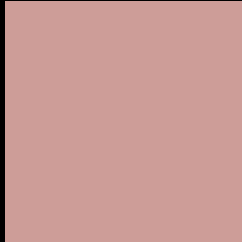
Large Text (above 18pt) WCAG AA × Fail

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 42.9013, 39.3601, 35.0419 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 42.9013, 39.3601, 35.0419

Background



This preview shows how black text looks on a background with the XYZ color 42.9013, 39.3601, 35.0419.



This preview shows how white text looks on a background with the XYZ color 42.9013, 39.3601,

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

42.9013, 39.3601, 35.0419

Protanopia

37.6297, 39.4726, 37.9834

Deuteranopia

40.1690, 39.5051, 34.7863



Tritanopia

44.4285, 39.4981, 41.8415

Trichromacy



Original Color

42.9013, 39.3601, 35.0419

Protanomaly

39.2838, 39.2655, 36.9610

Deuteranomaly

41.0957, 39.4599, 34.7287

Tritanomaly

43.8637, 39.5074, 39.4962

Monochromacy



Original Color

42.9013, 39.3601, 35.0419

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8655, 40.0201, 40.7455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9013, 39.3601, 35.0419 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(205, 157, 152)` looks like.

```
.text, #text, p{  
    color:rgb(205, 157, 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(205, 157, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 157, 152) }
```

Border

The CSS property to change the border of an element to XYZ 42.9013, 39.3601, 35.0419 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(205, 157, 152) }
```


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

```
.border{ border-color:rgb(205, 157, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 157, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 157, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 157, 152);  
box-shadow:4px 4px 4px 4px rgb(205, 157,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9013, 39.3601, 35.0419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 157, 152) }
```

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

```
.background{ background-color: rgb(205,  
157, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor