

Converting Colors

XYZ(42.0013, 34.7139, 43.5165)

Have a look what the booklet for
XYZ(42.0013, 34.7139, 43.5165)
contains.

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Color

**XYZ(42.0013, 34.7139,
43.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8CAC
RGB	205, 140, 172
RGB Percent	80%, 55%, 67%
CMY	0.1961, 0.4510, 0.3255
CMYK	0.00, 0.32, 0.16, 0.20
HSL	330°, 39%, 68%
HSV	330°, 32%, 80%
XYZ	42.0013, 34.7139, 43.5165
YIQ	163.0830, 28.4680, 23.7320

Conversions

Conversions Part 2

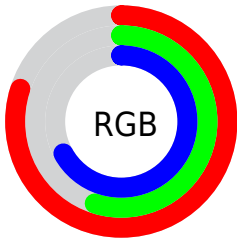
Format	Color
R _Y B	205, 140, 172
Decimal	13470892
CIE Lab	65.53, 29.44, -6.76
CIE LCh	66, 30.206, 347.070
Yxy	34.7139, 0.3493, 0.2887
Android (android.graphics.Color)	4291660972 (0xFFCD8CAC)
YUV	163.0830, 4.3961, 36.7612
Hunter-Lab	58.9185, 24.1401, -2.5479

Details

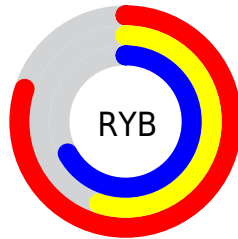
The XYZ color **42.0013, 34.7139, 43.5165** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.1908, 52.2561, 47.5057**, and the grayscale version is **34.8233, 36.6369, 39.8975**.

A 20% lighter version of the original color is **74.3969, 65.3896, 81.3734**, and **19.5402, 14.9849, 19.6318** is the 20% darker color. If you saturate the color by 10%, you get **38.3195, 28.8876, 37.5491**, and if you desaturate by 10%, it is **46.3214, 41.6907, 50.0838**.

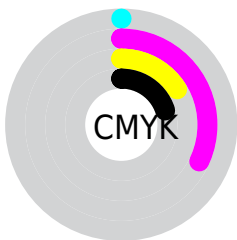
Distribution



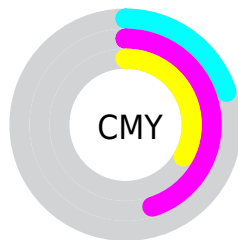
- Red (80%)
- Green (55%)
- Blue (67%)



- Red (80%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (32%)
- Yellow (16%)
- Black (20%)



- Cyan (20%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0013, 34.7139, 43.5165 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 42.0013, 34.7139, 43.5165 by changing the saturation by 10% instead.

 42.0013, 34.7139,
43.5165


 42.0013, 34.7139,
43.5165


345.4799,
323.3037, 376.7150


 29.2934, 23.4426,
29.9562


 77.4667, 67.0423,
81.7844

 19.4483, 14.9206,
19.5536


 100.9550, 88.8682,
107.3291

 12.1006, 8.7637,
11.8901

 128.7675,
114.9810, 137.7056

 6.8849, 4.5874,
6.5473

161.2695,
145.7653, 173.3325

 3.4359, 2.0073,
3.1065

198.8263,
181.6052, 214.6284

 1.3883, 0.6117,
1.1493

241.8035,

 0.2478, 0.0000,

222.8854, 262.0117

0.0000

290.5662,
269.9901, 315.9011

■ 0.0000, 0.0000,
0.0000

■ 42.0013, 34.7139,
43.5165

■ 42.0013, 34.7139,
43.5165

■ 38.3195, 28.8876,
37.5491

■ 46.3214, 41.6907,
50.0838

■ 35.2402, 24.1442,
32.1596

■ 51.3072, 49.8712,
57.2674

■ 32.7284, 20.4165,
27.3278

■ 56.9881, 59.3111,
65.0858

■ 30.7443, 17.6274,
23.0307

■ 63.3906, 70.0610,
73.5558

■ 29.2421, 15.6891,
19.2434

■ 70.5401, 82.1689,
82.6936

■ 28.1676, 14.4963,
15.9375

■ 75.8531, 90.4657,
91.6457

■ 27.5219, 13.9172,
13.5264

■ 77.3969, 91.0832,
99.7751

■ 78.9870, 91.7192,
108.1483

Harmonies

Analogous

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



39.6245, 34.7139, 56.9421



42.0013, 34.7139, 43.5165



41.8147, 34.7139, 31.0865

Triad

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



42.0013, 34.7139, 43.5165



30.5595, 34.7139, 18.9611



27.5321, 34.7139, 58.5933

Complementary

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



42.0013, 34.7139, 43.5165



40.1908, 52.2561, 47.5057

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.



25.5110, 34.7139, 45.4109



42.0013, 34.7139, 43.5165



27.1487, 34.7139, 23.5114

Square

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



42.0013, 34.7139, 43.5165



34.9353, 34.7139, 18.6750



25.3772, 34.7139, 32.6030



31.1270, 34.7139, 66.8685

Rectangle

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



42.0013, 34.7139, 43.5165



40.2596, 34.7139, 24.9297



25.3772, 34.7139, 32.6030



26.6606, 34.7139, 54.4707

Sweetspot

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



42.0023, 34.7155, 43.5172



85.4329, 83.9897, 95.7551



37.5222, 31.9932, 61.9556



18.0172, 17.5326, 20.1186



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.



42.0023, 34.7155, 43.5172



64.6004, 50.1945, 64.5500



39.2898, 33.6305, 29.2335



11.4387, 11.3042, 12.8447



17.1811, 8.6830, 8.6725



0.9247, 0.4633, 0.6492

Inverse Universe

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



42.0023, 34.7155, 43.5172



64.6004, 50.1945, 64.5500



43.6670, 53.6466, 65.8112



11.4387, 11.3042, 12.8447



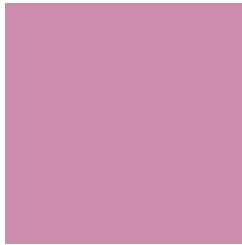
17.1811, 8.6830, 8.6725



0.9247, 0.4633, 0.6492

Previews

White Background



This preview shows how the XYZ color 42.0013, 34.7139, 43.5165 looks on a white background.

Color Contrast Check

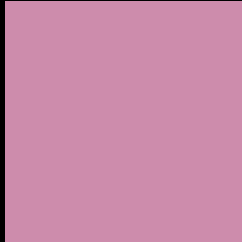
Large Text (above 18pt) WCAG AA × Fail

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 42.0013, 34.7139, 43.5165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

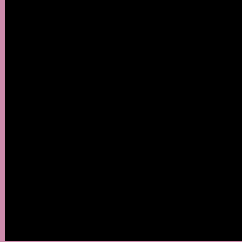
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0013, 34.7139, 43.5165

Background



This preview shows how black text looks on a background with the XYZ color 42.0013, 34.7139, 43.5165.



This preview shows how white text looks on a background with the XYZ color 42.0013, 34.7139,

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

42.0013, 34.7139, 43.5165

Protanopia

34.3962, 34.8830, 50.2676

Deuteranopia

35.4603, 34.8533, 42.3945



Tritanopia

40.2838, 34.6745, 35.1415

Trichromacy



Original Color

42.0013, 34.7139, 43.5165

Protanomaly

36.5384, 34.3127, 47.8773

Deuteranomaly

37.6905, 34.7823, 42.7574

Tritanomaly

41.0079, 34.7566, 38.2656

Monochromacy



Original Color

42.0013, 34.7139, 43.5165

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.9644, 35.6608, 41.0114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0013, 34.7139, 43.5165 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, 140, 172)` looks like.

```
.text, #text, p{  
    color:rgb(205, 140, 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(205, 140, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 140, 172) }
```

Border

The CSS property to change the border of an element to XYZ 42.0013, 34.7139, 43.5165 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, 140, 172) }
```


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

```
.border{ border-color:rgb(205, 140, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 140, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 140, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 140, 172);  
box-shadow:4px 4px 4px 4px rgb(205, 140,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0013, 34.7139, 43.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 140, 172) }
```

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

```
.background{ background-color: rgb(205,  
140, 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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