

Converting Colors

XYZ(41.5808, 34.9766, 47.2346)

Have a look what the booklet for
XYZ(41.5808, 34.9766, 47.2346)
contains.

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Color

**XYZ(41.5123, 35.0417,
47.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	C78FB3
RGB	199, 143, 179
RGB Percent	78%, 56%, 70%
CMY	0.2196, 0.4392, 0.2980
CMYK	0.00, 0.28, 0.10, 0.22
HSL	321°, 33%, 67%
HSV	321°, 28%, 78%
XYZ	41.5123, 35.0417, 47.2236
YIQ	163.8480, 21.8200, 23.0680

Conversions

Conversions Part 2

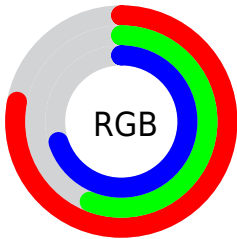
Format	Color
RYB	199, 143, 179
Decimal	13078451
CIELab	65.78, 26.85, -10.39
CIELCh	66, 28.793, 338.852
Yxy	35.0417, 0.3354, 0.2831
Android (android.graphics.Color)	4291268531 (0xFFC78FB3)
YUV	163.8480, 7.4699, 30.8283
Hunter-Lab	59.1960, 21.5833, -5.8613

Details

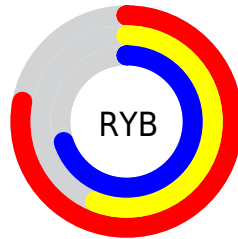
The XYZ color **41.5123, 35.0417, 47.2236** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.3634, 49.3318, 42.1525**, and the grayscale version is **35.1736, 37.0053, 40.2988**.

A 20% lighter version of the original color is **76.2016, 67.1907, 87.5501**, and **19.0946, 15.0899, 21.6449** is the 20% darker color. If you saturate the color by 10%, you get **38.0855, 29.3086, 42.6258**, and if you desaturate by 10%, it is **45.5082, 41.8526, 52.1947**.

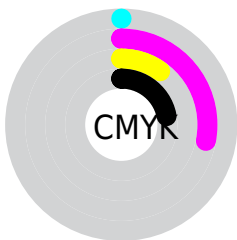
Distribution



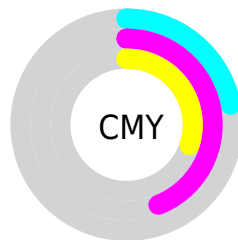
- Red (78%)
- Green (56%)
- Blue (70%)



- Red (78%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (28%)
- Yellow (10%)
- Black (22%)




- Cyan (22%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5123, 35.0417, 47.2236 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 41.5123, 35.0417, 47.2236 by changing the saturation by 10% instead.

 41.5123, 35.0417,
47.2236

 41.5123, 35.0417,
47.2236

343.4834,
324.7524, 392.1259

 28.9090, 23.6950,
32.8568


 76.7308, 67.5504,
87.4008

 19.1560, 15.1075,
21.7466


 100.0767, 89.4811,
114.0483

 11.8877, 8.8949,
13.4743


127.7342,
115.7087, 145.6264

 6.7389, 4.6727,
7.6214

160.0687,
146.6174, 182.5537

 3.3442, 2.0565,
3.7694

197.4455,
182.5918, 225.2488

 1.3383, 0.6400,
1.4997

240.2300,

 0.2116, 0.0000,

224.0161, 274.1302

0.2177

288.7875,
271.2748, 329.6164

■ 0.0000, 0.0000,
0.0000

■ 41.5123, 35.0417,
47.2236

■ 41.5123, 35.0417,
47.2236

■ 38.0855, 29.3086,
42.6258

■ 45.5082, 41.8526,
52.1947

■ 35.1960, 24.5923,
38.3868

■ 50.0964, 49.7887,
57.5484

■ 32.8139, 20.8330,
34.4943

■ 55.3029, 58.9002,
63.2963

■ 30.9045, 17.9626,
30.9338

■ 61.1510, 69.2329,
69.4487

■ 29.4288, 15.9041,
27.6895

■ 67.6627, 80.8302,
76.0155

■ 28.3411, 14.5670,
24.7430

■ 72.4509, 88.9172,
82.2034

■ 27.5725, 13.8142,
22.0684

■ 73.4220, 89.3056,
87.3170

■ 27.4447, 13.6987,
21.5936

■ 74.4337, 89.7103,
92.6445

■ 75.4865, 90.1314,
98.1885

Harmonies

Analogous

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



38.6925, 35.0417, 59.4050



41.5123, 35.0417, 47.2236



42.0385, 35.0417, 34.6696

Triad

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



41.5123, 35.0417, 47.2236



32.0659, 35.0417, 19.4059



27.3460, 35.0417, 54.7752

Complementary

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



41.5123, 35.0417, 47.2236



38.3634, 49.3318, 42.1525

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.



25.8753, 35.0417, 41.8654



41.5123, 35.0417, 47.2236



28.4443, 35.0417, 22.6932

Square

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



41.5123, 35.0417, 47.2236



36.3381, 35.0417, 20.2433



26.2596, 35.0417, 30.3278



30.4476, 35.0417, 64.3688

Rectangle

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



41.5123, 35.0417, 47.2236



40.9779, 35.0417, 27.9506



26.2596, 35.0417, 30.3278



26.6570, 35.0417, 50.5811

Sweetspot

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



41.5133, 35.0433, 47.2243



87.7328, 87.2074, 100.7830



35.1552, 31.5146, 58.2633



18.5011, 18.1838, 21.2559



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.



41.5133, 35.0433, 47.2243



68.7572, 54.7598, 77.4908



38.9954, 34.0361, 33.9649



10.9161, 10.7498, 12.5413



17.6904, 8.8257, 14.1116



0.8713, 0.4314, 0.8453

Inverse Universe

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



41.5133, 35.0433, 47.2243



68.7572, 54.7598, 77.4908



41.1123, 50.4313, 56.6279



10.9161, 10.7498, 12.5413



17.6904, 8.8257, 14.1116



0.8713, 0.4314, 0.8453

Previews

White Background



This preview shows how the XYZ color 41.5123, 35.0417, 47.2236 looks on a white background.

Color Contrast Check

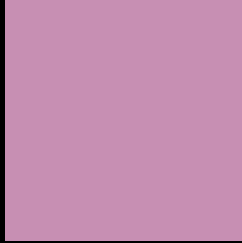
Large Text (above 18pt) WCAG AA × Fail

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 41.5123, 35.0417, 47.2236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

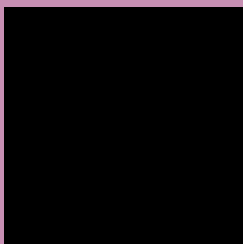
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5123, 35.0417, 47.2236

Background



This preview shows how black text looks on a background with the XYZ color 41.5123, 35.0417, 47.2236.



This preview shows how white text looks on a background with the XYZ color 41.5123, 35.0417,

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

41.5123, 35.0417, 47.2236

Protanopia

34.9099, 35.3404, 53.1255

Deuteranopia

35.9727, 35.2761, 46.5080



Tritanopia

39.3702, 35.0718, 37.0423

Trichromacy



Original Color

41.5123, 35.0417, 47.2236

Protanomaly

36.7258, 34.8313, 50.6864

Deuteranomaly

37.6929, 34.9313, 46.8753

Tritanomaly

40.1878, 35.1813, 40.7489

Monochromacy



Original Color

41.5123, 35.0417, 47.2236

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.1814, 35.9886, 42.5229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5123, 35.0417, 47.2236 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, 143, 179)` looks like.

```
.text, #text, p{  
    color:rgb(199, 143, 179)  
}
```

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, 143, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 143, 179) }
```

Border

The CSS property to change the border of an element to XYZ 41.5123, 35.0417, 47.2236 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, 143, 179) }
```


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

```
.border{ border-color:rgb(199, 143, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 143, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 143, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 143, 179);  
box-shadow:4px 4px 4px 4px rgb(199, 143,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5123, 35.0417, 47.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 143, 179) }
```

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

```
.background{ background-color: rgb(199,  
143, 179) }
```

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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