

Converting Colors

XYZ(40.8898, 37.0121, 57.1768)

Have a look what the booklet for
XYZ(40.8898, 37.0121, 57.1768)
contains.

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Color

**XYZ(41.0478, 37.1640,
57.2345)**

Conversions

Conversions Part 1

Format	Color
Hex	B79AC4
RGB	183, 154, 196
RGB Percent	72%, 60%, 77%
CMY	0.2823, 0.3961, 0.2314
CMYK	0.07, 0.21, 0.00, 0.23
HSL	281°, 26%, 69%
HSV	281°, 21%, 77%
XYZ	41.0478, 37.1640, 57.2345
YIQ	167.4590, 3.8020, 19.2100

Conversions

Conversions Part 2

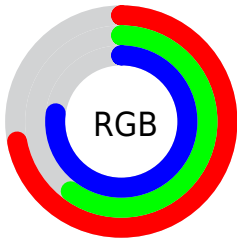
Format	Color
R _Y B	183, 154, 196
Decimal	12032708
CIE Lab	67.40, 18.46, -17.62
CIE LCh	67, 25.514, 316.332
Yxy	37.1640, 0.3031, 0.2744
Android (android.graphics.Color)	4290222788 (0xFFB79AC4)
YUV	167.4590, 14.0707, 13.6295
Hunter-Lab	60.9623, 13.5056, -12.9909

Details

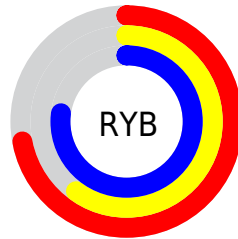
The XYZ color **41.0478, 37.1640, 57.2345** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.5104, 50.0295, 38.0425**, and the grayscale version is **36.8876, 38.8086, 42.2626**.

A 20% lighter version of the original color is **76.1267, 71.0435, 102.6290**, and **18.9387, 16.3993, 27.7584** is the 20% darker color. If you saturate the color by 10%, you get **36.6615, 30.4871, 56.1775**, and if you desaturate by 10%, it is **46.0268, 44.9325, 58.4721**.

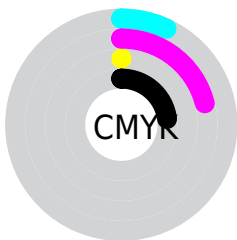
Distribution



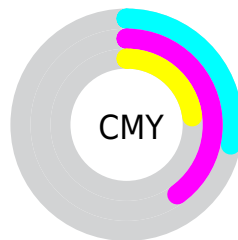
- Red (72%)
- Green (60%)
- Blue (77%)



- Red (72%)
- Yellow (60%)
- Blue (77%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (23%)





- Cyan (28%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0478, 37.1640, 57.2345 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 41.0478, 37.1640, 57.2345 by changing the saturation by 10% instead.


 41.0478, 37.1640,
57.2345


 41.0478, 37.1640,
57.2345

341.5795,
334.0200, 431.8458

 28.5443, 25.3345,
40.7829


 76.0307, 70.8249,
102.3110

 18.8789, 16.3264,
27.8311

 99.2408, 93.4252,
131.7730

 11.6863, 9.7554,
17.9604


126.7504,
120.3844, 166.4089

 6.6011, 5.2371,
10.7524

158.9250,
152.0871, 206.6373

 3.2580, 2.3870,
5.7886

196.1298,
188.9176, 252.8766

 1.2916, 0.8192,
2.6502

238.7303,

 0.1769, 0.0000,

231.2603, 305.5454

0.9182

287.0917,
279.4997, 365.0623

■ 0.0000, 0.0000,
0.0000

■ 41.0478, 37.1640,
57.2345

■ 41.0478, 37.1640,
57.2345

■ 36.6615, 30.4871,
56.1775

■ 46.0268, 44.9325,
58.4721

■ 32.8380, 24.8454,
55.2900

■ 51.6198, 53.8361,
59.8959

■ 29.5500, 20.1847,
54.5637

■ 57.8509, 63.9213,
61.5141

■ 26.7663, 16.4437,
53.9884

■ 64.7420, 75.2311,
63.3339

■ 24.4522, 13.5541,
53.5526

■ 72.3141, 87.8058,
65.3620

■ 22.5679, 11.4379,
53.2434

■ 75.0589, 90.6283,
65.7621

■ 21.0664, 10.0022,
53.0454

■ 76.9222, 91.5888,
65.8493

■ 20.0089, 9.1639,
52.9394

■ 78.8527, 92.5841,
65.9397

■ 80.8512, 93.6143,
66.0332

Harmonies

Analogous

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



37.4808, 37.1640, 64.8554



41.0478, 37.1640, 57.2345



43.1470, 37.1640, 45.7713

Triad

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



41.0478, 37.1640, 57.2345



37.1304, 37.1640, 22.9365



28.5861, 37.1640, 46.8298

Complementary

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



41.0478, 37.1640, 57.2345



41.5104, 50.0295, 38.0425

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.



28.5076, 37.1640, 35.5861



41.0478, 37.1640, 57.2345



33.2502, 37.1640, 23.1146

Square

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



41.0478, 37.1640, 57.2345



40.7750, 37.1640, 26.7985



30.1574, 37.1640, 27.3403



30.3805, 37.1640, 58.1317

Rectangle

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



41.0478, 37.1640, 57.2345



43.3382, 37.1640, 38.1357



30.1574, 37.1640, 27.3403



28.3630, 37.1640, 42.8878

Sweetspot

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



41.0490, 37.1656, 57.2353



88.6409, 89.7365, 107.2567



37.1655, 38.6047, 57.7178



18.8289, 18.9783, 22.9207



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.



41.0490, 37.1656, 57.2353



70.2718, 61.0596, 102.6897



43.4312, 38.4923, 52.8883



10.1841, 10.0861, 12.6949



12.9480, 5.9353, 34.0198



0.6274, 0.2915, 1.4731

Inverse Universe

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



41.2969, 37.6386, 41.6495



70.9093, 62.1407, 68.7232



39.5626, 48.9488, 41.4073



10.1987, 10.1281, 11.1371



15.1974, 7.7687, 3.6854



0.6882, 0.3483, 0.3256

Previews

White Background



This preview shows how the XYZ color 41.0478, 37.1640, 57.2345 looks on a white background.

Color Contrast Check

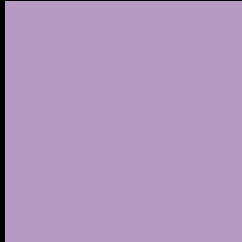
Large Text (above 18pt) WCAG AA × Fail

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 41.0478, 37.1640, 57.2345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

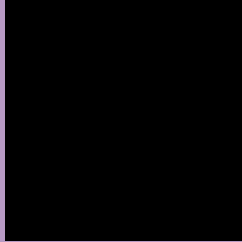
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0478, 37.1640, 57.2345

Background



This preview shows how black text looks on a background with the XYZ color 41.0478, 37.1640, 57.2345.



This preview shows how white text looks on a background with the XYZ color 41.0478, 37.1640,

57.2345.

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

41.0478, 37.1640, 57.2345

Protanopia

37.2754, 37.4272, 61.1367

Deuteranopia

37.9382, 37.0811, 56.7876



Tritanopia

38.3392, 37.3203, 43.7109

Trichromacy



Original Color

41.0478, 37.1640, 57.2345

Protanomaly

38.5132, 37.3111, 59.8155

Deuteranomaly

39.0904, 37.1645, 56.7429

Tritanomaly

39.1176, 37.1125, 48.2817

Monochromacy



Original Color

41.0478, 37.1640, 57.2345

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.1898, 37.9393, 47.4297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0478, 37.1640, 57.2345 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(183, 154, 196)` looks like.

```
.text, #text, p{  
    color:rgb(183, 154, 196)  
}
```

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(183, 154, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 154, 196) }
```

Border

The CSS property to change the border of an element to XYZ 41.0478, 37.1640, 57.2345 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(183, 154, 196) }
```


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

```
.border{ border-color:rgb(183, 154, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 154, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 154, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 154, 196);  
box-shadow:4px 4px 4px 4px rgb(183, 154,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0478, 37.1640, 57.2345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 154, 196) }
```

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

```
.background{ background-color: rgb(183,  
154, 196) }
```

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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