

Converting Colors

XYZ(41.1160, 35.9436, 60.3071)

Have a look what the booklet for
XYZ(41.1160, 35.9436, 60.3071)
contains.

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Color

**XYZ(41.0572, 35.9023,
60.0242)**

Conversions

Conversions Part 1

Format	Color
Hex	B895C9
RGB	184, 149, 201
RGB Percent	72%, 58%, 79%
CMY	0.2784, 0.4157, 0.2118
CMYK	0.08, 0.26, 0.00, 0.21
HSL	280°, 32%, 69%
HSV	280°, 26%, 79%
XYZ	41.0572, 35.9023, 60.0242
YIQ	165.3930, 4.1680, 23.5920

Conversions

Conversions Part 2

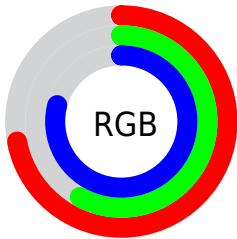
Format	Color
RYB	184, 149, 201
Decimal	12096969
CIELab	66.45, 22.60, -21.84
CIELCh	66, 31.431, 315.974
Yxy	35.9023, 0.2997, 0.2621
Android (android.graphics.Color)	4290287049 (0xFFB895C9)
YUV	165.3930, 17.5543, 16.3183
Hunter-Lab	59.9185, 17.4538, -17.4516

Details

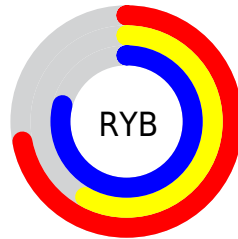
The XYZ color **41.0572, 35.9023, 60.0242** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.0386, 52.0511, 36.2667**, and the grayscale version is **35.8707, 37.7388, 41.0975**.

A 20% lighter version of the original color is **75.3411, 68.4571, 103.8504**, and **18.8401, 15.5878, 29.6195** is the 20% darker color. If you saturate the color by 10%, you get **36.6099, 29.2900, 58.9829**, and if you desaturate by 10%, it is **46.1287, 43.6529, 61.2535**.

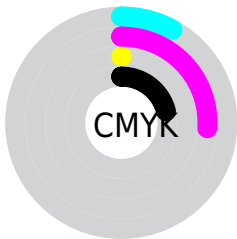
Distribution



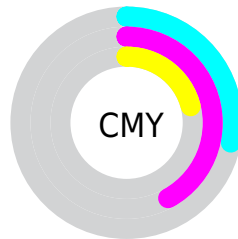
- Red (72%)
- Green (58%)
- Blue (79%)



- Red (72%)
- Yellow (58%)
- Blue (79%)



- Cyan (8%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)





- Cyan (28%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0572, 35.9023, 60.0242 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 41.0572, 35.9023, 60.0242 by changing the saturation by 10% instead.


 41.0572, 35.9023,
60.0242

 41.0572, 35.9023,
60.0242

341.6181,
328.5333, 442.4941

 28.5517, 24.3588,
43.0127


 76.0449, 68.8812,
106.4085

 18.8845, 15.6000,
29.5636


 99.2577, 91.0854,
136.6184

 11.6904, 9.2415,
19.2584


126.7704,
117.6119, 172.0648

 6.6039, 4.8991,
11.6784

158.9482,
148.8452, 213.1663

 3.2597, 2.1882,
6.4052

196.1565,
185.1695, 260.3415

 1.2926, 0.7135,
3.0203

238.7607,

 0.1776, 0.0000,

226.9694, 314.0088

1.1050

287.1261,
274.6292, 374.5868

■ 0.0000, 0.0000,
0.0000

■ 41.0572, 35.9023,
60.0242

■ 41.0572, 35.9023,
60.0242

■ 36.6099, 29.2900,
58.9829

■ 46.1287, 43.6529,
61.2535

■ 32.7543, 23.7547,
58.1176

■ 51.8480, 52.5900,
62.6771

■ 29.4597, 19.2358,
57.4190

■ 58.2419, 62.7647,
64.3040

■ 26.6913, 15.6651,
56.8757

■ 65.3342, 74.2236,
66.1420

■ 24.4098, 12.9656,
56.4749

■ 73.1477, 87.0108,
68.1983

■ 22.5696, 11.0479,
56.2018

■ 76.8667, 91.4934,
68.8676

■ 21.1144, 9.8008,
56.0378

■ 78.9362, 92.5602,
68.9644

■ 20.5807, 9.3918,
55.9869

■ 81.0851, 93.6681,
69.0650

■ 83.3145, 94.8173,
69.1693

Harmonies

Analogous

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



36.6770, 35.9023, 69.6961



41.0572, 35.9023, 60.0242



43.6838, 35.9023, 45.7188

Triad

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



41.0572, 35.9023, 60.0242



36.3658, 35.9023, 18.9446



26.1385, 35.9023, 46.6710

Complementary

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



41.0572, 35.9023, 60.0242



42.0386, 52.0511, 36.2667

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.



26.0719, 35.9023, 33.1378



41.0572, 35.9023, 60.0242



31.6924, 35.9023, 19.0858

Square

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



41.0572, 35.9023, 60.0242



40.8114, 35.9023, 23.2536



28.0190, 35.9023, 23.6975



28.2103, 35.9023, 60.8581

Rectangle

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



41.0572, 35.9023, 60.0242



43.9446, 35.9023, 36.4541



28.0190, 35.9023, 23.6975



25.8878, 35.9023, 41.8531

Sweetspot

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



41.0583, 35.9038, 60.0250



86.4727, 86.4248, 106.7318



36.6353, 38.0019, 60.6631



18.1816, 17.9854, 22.7632



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.



41.0583, 35.9038, 60.0250



65.9285, 54.9348, 101.7364



44.3873, 37.7345, 55.0079



10.7331, 10.6362, 13.4048



13.0399, 5.9566, 35.2068



0.6912, 0.3201, 1.6705

Inverse Universe

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



41.7190, 36.6671, 40.9567



67.3918, 56.5456, 63.1117



39.4252, 50.6209, 39.8920



10.7744, 10.6932, 11.7955



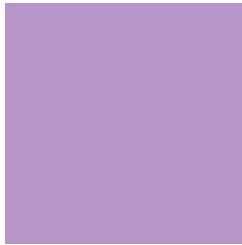
15.7961, 8.0680, 4.1359



0.7815, 0.3954, 0.3725

Previews

White Background



This preview shows how the XYZ color 41.0572, 35.9023, 60.0242 looks on a white background.

Color Contrast Check

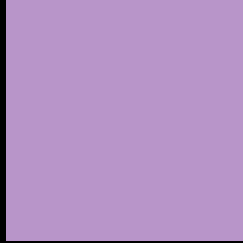
Large Text (above 18pt) WCAG AA × Fail

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 41.0572, 35.9023, 60.0242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

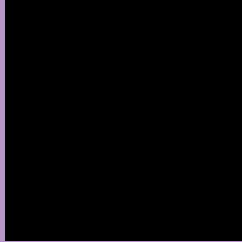
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0572, 35.9023, 60.0242

Background



This preview shows how black text looks on a background with the XYZ color 41.0572, 35.9023, 60.0242.



This preview shows how white text looks on a background with the XYZ color 41.0572, 35.9023,

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

41.0572, 35.9023, 60.0242

Protanopia

36.4739, 36.1346, 65.3739

Deuteranopia

36.8337, 35.9482, 59.0302



Tritanopia

37.2868, 35.8164, 41.5072

Trichromacy



Original Color

41.0572, 35.9023, 60.0242

Protanomaly

37.9293, 35.9145, 63.3256

Deuteranomaly

38.2951, 35.9377, 59.5619

Tritanomaly

38.5840, 35.8609, 47.5361

Monochromacy



Original Color

41.0572, 35.9023, 60.0242

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.4473, 36.7813, 47.2453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0572, 35.9023, 60.0242 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(184, 149, 201)` looks like.

```
.text, #text, p{  
    color:rgb(184, 149, 201)  
}
```

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(184, 149, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 149, 201) }
```

Border

The CSS property to change the border of an element to XYZ 41.0572, 35.9023, 60.0242 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(184, 149, 201) }
```


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

```
.border{ border-color:rgb(184, 149, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 149, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 149, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 149, 201);  
box-shadow:4px 4px 4px 4px rgb(184, 149,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0572, 35.9023, 60.0242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 149, 201) }
```

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

```
.background{ background-color: rgb(184,  
149, 201) }
```

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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