

Converting Colors

XYZ(39.9621, 35.0744, 51.0261)

Have a look what the booklet for
XYZ(39.9621, 35.0744, 51.0261)
contains.

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Color

**XYZ(40.0357, 35.1040,
51.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	BC93BA
RGB	188, 147, 186
RGB Percent	74%, 58%, 73%
CMY	0.2627, 0.4235, 0.2706
CMYK	0.00, 0.22, 0.01, 0.26
HSL	303°, 23%, 66%
HSV	303°, 22%, 74%
XYZ	40.0357, 35.1040, 51.1200
YIQ	163.7050, 11.9170, 20.8210

Conversions

Conversions Part 2

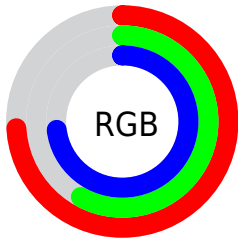
Format	Color
RYB	188, 147, 186
Decimal	12358586
CIELab	65.83, 22.09, -14.36
CIElCh	66, 26.348, 326.979
Yxy	35.1040, 0.3171, 0.2780
Android (android.graphics.Color)	4290548666 (0xFFBC93BA)
YUV	163.7050, 10.9914, 21.3067
Hunter-Lab	59.2486, 16.9316, -9.6817

Details

The XYZ color **40.0357, 35.1040, 51.1200** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.4421, 44.3405, 35.1263**, and the grayscale version is **35.0929, 36.9204, 40.2063**.

A 20% lighter version of the original color is **74.5698, 67.5966, 93.1216**, and **18.2480, 15.1275, 24.1484** is the 20% darker color. If you saturate the color by 10%, you get **37.2510, 29.6895, 49.7125**, and if you desaturate by 10%, it is **43.3009, 41.4773, 52.6915**.

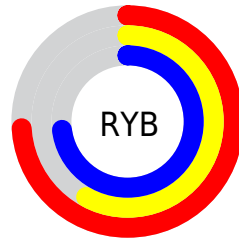
Distribution



Red (74%)

Green (58%)

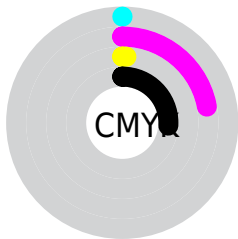
Blue (73%)



Red (74%)

Yellow (58%)

Blue (73%)

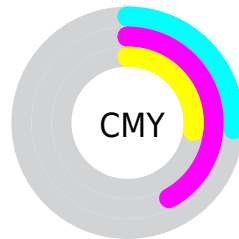


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (26%)



Cyan (26%)


Magenta (42%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0357, 35.1040, 51.1200 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 40.0357, 35.1040, 51.1200 by changing the saturation by 10% instead.

 40.0357, 35.1040,
51.1200


 40.0357, 35.1040,
51.1200

337.4059,
325.0271, 407.8897

 27.7507, 23.7430,
35.9267


 74.5019, 67.6468,
93.2454

 18.2773, 15.1431,
24.0884


 97.4138, 89.5975,
121.0147

 11.2502, 8.9199,
15.1864


124.5987,
115.8468, 153.8130

 6.3039, 4.6890,
8.8022

156.4219,
146.7792, 192.0590

 3.0731, 2.0659,
4.5174

193.2489,
182.7790, 236.1711

 1.1926, 0.6454,
1.9132

235.4450,

 0.1005, 0.0000,

224.2307, 286.5679

0.5011

283.3755,
271.5186, 343.6679

■ 0.0000, 0.0000,
0.0000

■ 40.0357, 35.1040,
51.1200

■ 40.0357, 35.1040,
51.1200

■ 37.2510, 29.6895,
49.7125

■ 43.3009, 41.4773,
52.6915

■ 34.9204, 25.1829,
48.4591

■ 47.0651, 48.8480,
54.4320

■ 33.0199, 21.5354,
47.3521

■ 51.3495, 57.2582,
56.3491

■ 31.5219, 18.6921,
46.3824

■ 56.1733, 66.7463,
58.4491

■ 30.3957, 16.5913,
45.5397

■ 61.5547, 77.3485,
60.7380

■ 29.6062, 15.1628,
44.8123

■ 65.9590, 85.9954,
62.7043

■ 29.1114, 14.3229,
44.1861

■ 66.0606, 86.0360,
63.2396

■ 28.8587, 13.9392,
43.7263

■ 66.1629, 86.0769,
63.7782

■ 66.2658, 86.1181,
64.3201

Harmonies

Analogous

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



36.8737, 35.1040, 60.6587



40.0357, 35.1040, 51.1200



41.4031, 35.1040, 39.3621

Triad

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



40.0357, 35.1040, 51.1200



33.7609, 35.1040, 20.5778



27.1355, 35.1040, 48.7836

Complementary

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



40.0357, 35.1040, 51.1200



35.4421, 44.3405, 35.1263

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.



26.4415, 35.1040, 37.1047



40.0357, 35.1040, 51.1200



30.0868, 35.1040, 22.1382

Square

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



40.0357, 35.1040, 51.1200



37.6082, 35.1040, 22.9317



27.4803, 35.1040, 27.6999



29.4542, 35.1040, 59.1360

Rectangle

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



40.0357, 35.1040, 51.1200



41.0398, 35.1040, 32.3037



27.4803, 35.1040, 27.6999



26.7127, 35.1040, 44.8230

Sweetspot

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



40.0368, 35.1055, 51.1208



81.5611, 81.2081, 96.9352



31.7916, 30.8302, 51.8529



17.4523, 17.2930, 20.8051



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.0368, 35.1055, 51.1208



70.1224, 58.8786, 91.4328



38.0692, 34.3185, 40.7596



9.9093, 9.6880, 11.9114



19.6564, 9.4937, 29.8138



0.7762, 0.3744, 1.2007

Inverse Universe

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



40.0368, 35.1055, 51.1208



70.1224, 58.8786, 91.4328



37.1661, 45.0301, 44.2047



9.9093, 9.6880, 11.9114



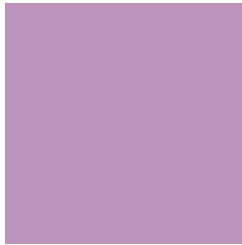
19.6564, 9.4937, 29.8138



0.7762, 0.3744, 1.2007

Previews

White Background



This preview shows how the XYZ color 40.0357, 35.1040, 51.1200 looks on a white background.

Color Contrast Check

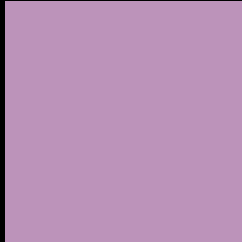
Large Text (above 18pt) WCAG AA × Fail

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 40.0357, 35.1040, 51.1200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

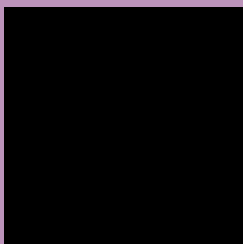
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0357, 35.1040, 51.1200

Background



This preview shows how black text looks on a background with the XYZ color 40.0357, 35.1040, 51.1200.



This preview shows how white text looks on a background with the XYZ color 40.0357, 35.1040,

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

40.0357, 35.1040, 51.1200

Protanopia

35.0846, 35.3667, 56.0162

Deuteranopia

35.8500, 35.1301, 50.2387



Tritanopia

37.6851, 35.0918, 39.4375

Trichromacy



Original Color

40.0357, 35.1040, 51.1200

Protanomaly

36.6424, 35.2036, 54.1539

Deuteranomaly

37.3818, 35.1695, 50.7171

Tritanomaly

38.5067, 35.1921, 43.2913

Monochromacy



Original Color

40.0357, 35.1040, 51.1200

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.9068, 36.3165, 44.0943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0357, 35.1040, 51.1200 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(188, 147, 186)` looks like.

```
.text, #text, p{  
    color:rgb(188, 147, 186)  
}
```

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(188, 147, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 147, 186) }
```

Border

The CSS property to change the border of an element to XYZ 40.0357, 35.1040, 51.1200 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(188, 147, 186) }
```


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

```
.border{ border-color:rgb(188, 147, 186) }
```

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

Here you see how a box with a 4 pixel rgb(188, 147, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 147, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 147, 186);  
box-shadow:4px 4px 4px 4px rgb(188, 147,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0357, 35.1040, 51.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 147, 186) }
```

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

```
.background{ background-color: rgb(188,  
147, 186) }
```

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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