

Converting Colors

XYZ(40.6449, 35.8213, 54.0622)

Have a look what the booklet for
XYZ(40.6449, 35.8213, 54.0622)
contains.

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Color

**XYZ(40.6449, 35.8213,
54.0622)**

Conversions

Conversions Part 1

Format	Color
Hex	BB95BF
RGB	187, 149, 191
RGB Percent	73%, 58%, 75%
CMY	0.2667, 0.4157, 0.2510
CMYK	0.02, 0.22, 0.00, 0.25
HSL	294°, 25%, 67%
HSV	294°, 22%, 75%
XYZ	40.6449, 35.8213, 54.0622
YIQ	165.1500, 9.1660, 21.1180

Conversions

Conversions Part 2

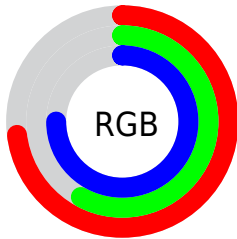
Format	Color
R_{YB}	187, 149, 191
Decimal	12293567
CIE _{Lab}	66.38, 21.60, -16.33
CIE _{LCh}	66, 27.077, 322.906
Yxy	35.8213, 0.3114, 0.2744
Android (android.graphics.Color)	4290483647 (0xFFBB95BF)
YUV	165.1500, 12.7441, 19.1625
Hunter-Lab	59.8509, 16.4807, -11.6599

Details

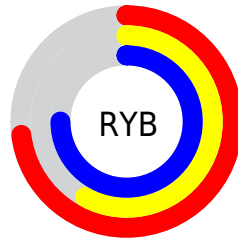
The XYZ color **40.6449, 35.8213, 54.0622** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.1938, 46.2048, 35.3937**, and the grayscale version is **35.7748, 37.6378, 40.9876**.

A 20% lighter version of the original color is **75.4527, 68.6604, 97.2717**, and **18.6280, 15.5569, 26.0657** is the 20% darker color. If you saturate the color by 10%, you get **37.4255, 30.0384, 53.1162**, and if you desaturate by 10%, it is **44.3677, 42.6013, 55.1752**.

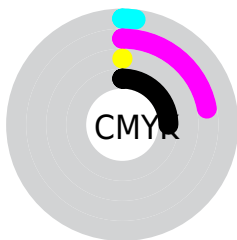
Distribution



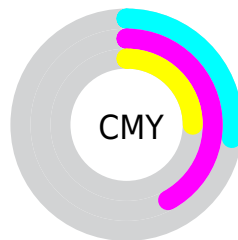
- Red (73%)
- Green (58%)
- Blue (75%)



- Red (73%)
- Yellow (58%)
- Blue (75%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)





- Cyan (27%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6449, 35.8213, 54.0622 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 40.6449, 35.8213, 54.0622 by changing the saturation by 10% instead.


 40.6449, 35.8213,
54.0622


 40.6449, 35.8213,
54.0622


339.9223,
328.1788, 419.5285

 28.2282, 24.2962,
38.2579


 75.4227, 68.7562,
97.6229

 18.6391, 15.5535,
25.8795


 98.5144, 90.9347,
126.2163

 11.5122, 9.2088,
16.5086


125.8952,
117.4332, 159.9099

 6.4823, 4.8776,
9.7265

157.9304,
148.6361, 199.1221

 3.1839, 2.1756,
5.1148

194.9853,
184.9277, 244.2716

 1.2518, 0.7067,
2.2548

237.4254,

 0.1467, 0.0000,

226.6924, 295.7767

0.7058

285.6159,
274.3146, 354.0562

■ 0.0000, 0.0000,
0.0000

■ 40.6449, 35.8213,
54.0622

■ 40.6449, 35.8213,
54.0622

■ 37.4255, 30.0384,
53.1162

■ 44.3677, 42.6013,
55.1752

■ 34.6820, 25.1997,
52.3268

■ 48.6131, 50.4188,
56.4604

■ 32.3894, 21.2544,
51.6861

■ 53.4033, 59.3175,
57.9255

■ 30.5190, 18.1451,
51.1846

■ 58.7583, 69.3373,
59.5773

■ 29.0387, 15.8078,
50.8115

■ 64.6970, 80.5160,
61.4220

■ 27.9117, 14.1691,
50.5545

■ 68.4306, 87.2760,
62.5300

■ 27.0944, 13.1413,
50.3992

■ 68.9128, 87.5245,
62.5526

■ 26.5956, 12.6242,
50.3257

■ 69.4007, 87.7761,
62.5754

■ 69.8945, 88.0306,
62.5985

Harmonies

Analogous

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



37.1693, 35.8213, 63.3687



40.6449, 35.8213, 54.0622



42.3753, 35.8213, 41.8234

Triad

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



40.6449, 35.8213, 54.0622



35.0180, 35.8213, 20.7919



27.3650, 35.8213, 48.3449

Complementary

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



40.6449, 35.8213, 54.0622



37.1938, 46.2048, 35.3937

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.



26.8884, 35.8213, 36.3129



40.6449, 35.8213, 54.0622



31.1048, 35.8213, 21.8536

Square

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



40.6449, 35.8213, 54.0622



38.9638, 35.8213, 23.7798



28.2049, 35.8213, 27.0378



29.5624, 35.8213, 59.6373

Rectangle

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



40.6449, 35.8213, 54.0622



42.2169, 35.8213, 34.2306



28.2049, 35.8213, 27.0378



27.0057, 35.8213, 44.2003

Sweetspot

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



40.6460, 35.8229, 54.0630



83.0505, 82.8892, 99.9011



33.2240, 33.0009, 53.9095



18.1359, 18.0153, 21.9067



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.6460, 35.8229, 54.0630



70.1366, 59.3605, 96.0402



39.8940, 35.6367, 44.9238



9.8380, 9.6489, 12.0161



17.5152, 8.3155, 33.0748



0.7124, 0.3393, 1.2968

Inverse Universe

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



37.9844, 34.8728, 34.8680



64.6260, 57.4022, 55.9111



37.8911, 46.3979, 42.9404



9.5661, 9.5507, 10.1041



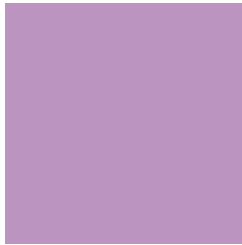
14.2069, 7.3139, 1.1170



0.5691, 0.2915, 0.1100

Previews

White Background



This preview shows how the XYZ color 40.6449, 35.8213, 54.0622 looks on a white background.

Color Contrast Check

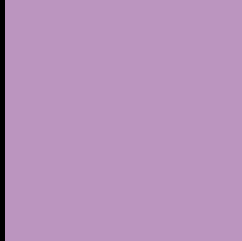
Large Text (above 18pt) WCAG AA × Fail

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 40.6449, 35.8213, 54.0622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

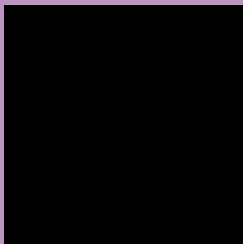
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6449, 35.8213, 54.0622

Background



This preview shows how black text looks on a background with the XYZ color 40.6449, 35.8213, 54.0622.



This preview shows how white text looks on a background with the XYZ color 40.6449, 35.8213,

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

40.6449, 35.8213, 54.0622

Protanopia

36.0165, 36.0374, 59.0905

Deuteranopia

36.7220, 36.0204, 53.1613



Tritanopia

37.9670, 35.9317, 41.0108

Trichromacy



Original Color

40.6449, 35.8213, 54.0622

Protanomaly

37.3693, 35.7618, 57.1577

Deuteranomaly

38.0289, 35.9311, 53.6462

Tritanomaly

38.7333, 35.7420, 45.4149

Monochromacy



Original Color

40.6449, 35.8213, 54.0622

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.2717, 36.7365, 45.1708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6449, 35.8213, 54.0622 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(187, 149, 191)` looks like.

```
.text, #text, p{  
    color:rgb(187, 149, 191)  
}
```

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(187, 149, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 149, 191) }
```

Border

The CSS property to change the border of an element to XYZ 40.6449, 35.8213, 54.0622 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(187, 149, 191) }
```


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

```
.border{ border-color:rgb(187, 149, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 149, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 149, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 149, 191);  
box-shadow:4px 4px 4px 4px rgb(187, 149,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6449, 35.8213, 54.0622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 149, 191) }
```

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

```
.background{ background-color: rgb(187,  
149, 191) }
```

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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