

Converting Colors

XYZ(40.2038, 34.3926, 50.4664)

Have a look what the booklet for
XYZ(40.2038, 34.3926, 50.4664)
contains.

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Color

**XYZ(40.0653, 34.2241,
50.3932)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8FB9
RGB	191, 143, 185
RGB Percent	75%, 56%, 73%
CMY	0.2510, 0.4392, 0.2745
CMYK	0.00, 0.25, 0.03, 0.25
HSL	308°, 27%, 65%
HSV	308°, 25%, 75%
XYZ	40.0653, 34.2241, 50.3932
YIQ	162.1400, 15.1260, 23.2380

Conversions

Conversions Part 2

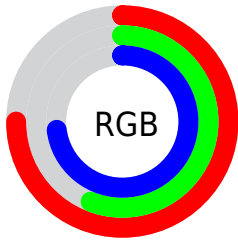
Format	Color
R_{YB}	191, 143, 185
Decimal	12554169
CIE _{Lab}	65.14, 25.16, -14.81
CIE _{LCh}	65, 29.191, 329.519
Yxy	34.2241, 0.3213, 0.2745
Android (android.graphics.Color)	4290744249 (0xFFBF8FB9)
YUV	162.1400, 11.2700, 25.3102
Hunter-Lab	58.5014, 19.8703, -10.1216

Details

The XYZ color **40.0653, 34.2241, 50.3932** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.3847, 45.2722, 35.3092**, and the grayscale version is **34.3530, 36.1421, 39.3587**.

A 20% lighter version of the original color is **74.5548, 66.2398, 92.0752**, and **18.3085, 14.6386, 23.6904** is the 20% darker color. If you saturate the color by 10%, you get **37.1888, 28.8707, 48.2015**, and if you desaturate by 10%, it is **43.4362, 40.5586, 52.7714**.

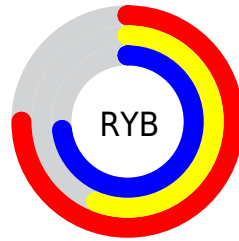
Distribution



Red (75%)

Green (56%)

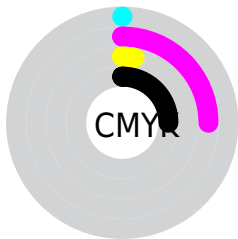
Blue (73%)



Red (75%)

Yellow (56%)

Blue (73%)

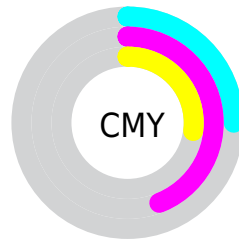


Cyan (0%)

Magenta (25%)

Yellow (3%)

Black (25%)



Cyan (25%)


Magenta (44%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0653, 34.2241, 50.3932 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 40.0653, 34.2241, 50.3932 by changing the saturation by 10% instead.


 40.0653, 34.2241,
50.3932

 40.0653, 34.2241,
50.3932

337.5284,
321.1302, 404.9806

 27.7739, 23.0658,
35.3526


 74.5466, 66.2820,
92.1595

 18.2949, 14.6421,
23.6489


 97.4673, 87.9504,
119.7222

 11.2629, 8.5686,
14.8636


124.6618,
113.8910, 152.2960

 6.3125, 4.4609,
8.5781

156.4954,
144.4881, 190.2995

 3.0785, 1.9346,
4.3740

193.3335,
180.1262, 234.1512

 1.1954, 0.5690,
1.8327

235.5415,

 0.1027, 0.0000,

221.1897, 284.2695

0.4494

283.4847,
268.0628, 341.0732

■ 0.0000, 0.0000,
0.0000

■ 40.0653, 34.2241,
50.3932

■ 40.0653, 34.2241,
50.3932

■ 37.1888, 28.8707,
48.2015

■ 43.4362, 40.5586,
52.7714

■ 34.7790, 24.4443,
46.1857

■ 47.3215, 47.9155,
55.3417

■ 32.8099, 20.8928,
44.3375

■ 51.7437, 56.3395,
58.1121

■ 31.2520, 18.1568,
42.6469

■ 56.7232, 65.8710,
61.0894

■ 30.0718, 16.1696,
41.1027

■ 62.2791, 76.5486,
64.2801

■ 29.2307, 14.8542,
39.6920

■ 67.5930, 86.7353,
67.4115

■ 28.6817, 14.1163,
38.3989

■ 67.8731, 86.8473,
68.8865

■ 28.4726, 13.8711,
37.7958

■ 68.1576, 86.9611,
70.3845

■ 68.4465, 87.0767,
71.9057

Harmonies

Analogous

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



36.7094, 34.2241, 61.4716



40.0653, 34.2241, 50.3932



41.3723, 34.2241, 37.4603

Triad

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



40.0653, 34.2241, 50.3932



32.5974, 34.2241, 18.4669



25.9436, 34.2241, 49.9797

Complementary

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



40.0653, 34.2241, 50.3932



35.3847, 45.2722, 35.3092

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.



25.0452, 34.2241, 37.0688



40.0653, 34.2241, 50.3932



28.6786, 34.2241, 20.4283

Square

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



40.0653, 34.2241, 50.3932



36.8379, 34.2241, 20.5597



26.0024, 34.2241, 26.6400



28.5699, 34.2241, 61.1987

Rectangle

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



40.0653, 34.2241, 50.3932



40.8256, 34.2241, 30.0011



26.0024, 34.2241, 26.6400



25.4402, 34.2241, 45.6141

Sweetspot

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



40.0663, 34.2256, 50.3939



82.5669, 81.6690, 97.6991



31.5495, 29.7603, 53.3724



17.8941, 17.4850, 21.2983



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.



40.0663, 34.2256, 50.3939



68.8961, 55.9580, 88.1152



37.7779, 33.3102, 38.3434



9.8772, 9.6752, 11.7425



18.7320, 9.1240, 24.9460



0.7483, 0.3632, 1.0540

Inverse Universe

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



40.0663, 34.2256, 50.3939



68.8961, 55.9580, 88.1152



37.4639, 46.1039, 46.2582



9.8772, 9.6752, 11.7425



18.7320, 9.1240, 24.9460



0.7483, 0.3632, 1.0540

Previews

White Background



This preview shows how the XYZ color 40.0653, 34.2241, 50.3932 looks on a white background.

Color Contrast Check

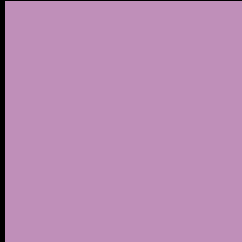
Large Text (above 18pt) WCAG AA × Fail

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 40.0653, 34.2241, 50.3932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

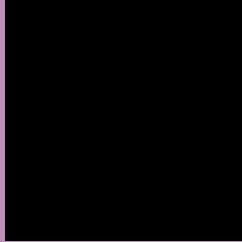
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0653, 34.2241, 50.3932

Background



This preview shows how black text looks on a background with the XYZ color 40.0653, 34.2241, 50.3932.



This preview shows how white text looks on a background with the XYZ color 40.0653, 34.2241,

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

40.0653, 34.2241, 50.3932

Protanopia

34.3723, 34.4930, 55.8851

Deuteranopia

35.0031, 34.2115, 49.5584



Tritanopia

37.5870, 34.3744, 37.4548

Trichromacy



Original Color

40.0653, 34.2241, 50.3932

Protanomaly

36.1493, 34.2174, 53.9896

Deuteranomaly

36.7917, 34.1576, 50.0014

Tritanomaly

38.3330, 34.2037, 41.6274

Monochromacy



Original Color

40.0653, 34.2241, 50.3932

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.2106, 35.2292, 42.9216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0653, 34.2241, 50.3932 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(191, 143, 185)` looks like.

```
.text, #text, p{  
    color:rgb(191, 143, 185)  
}
```

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(191, 143, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 143, 185) }
```

Border

The CSS property to change the border of an element to XYZ 40.0653, 34.2241, 50.3932 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(191, 143, 185) }
```


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

```
.border{ border-color:rgb(191, 143, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 143, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 143, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 143, 185);  
box-shadow:4px 4px 4px 4px rgb(191, 143,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0653, 34.2241, 50.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 143, 185) }
```

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

```
.background{ background-color: rgb(191,  
143, 185) }
```

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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