

Converting Colors

XYZ(39.5727, 33.4822, 54.5602)

Have a look what the booklet for
XYZ(39.5727, 33.4822, 54.5602)
contains.

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Color

**XYZ(39.6440, 33.4648,
54.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8DC1
RGB	187, 141, 193
RGB Percent	73%, 55%, 76%
CMY	0.2667, 0.4470, 0.2431
CMYK	0.03, 0.27, 0.00, 0.24
HSL	293°, 30%, 65%
HSV	293°, 27%, 76%
XYZ	39.6440, 33.4648, 54.8220
YIQ	160.6820, 10.7240, 25.9240

Conversions

Conversions Part 2

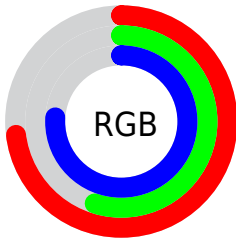
Format	Color
RYB	187, 141, 193
Decimal	12291521
CIELab	64.54, 26.44, -20.25
CIELCh	65, 33.309, 322.549
Yxy	33.4648, 0.3099, 0.2616
Android (android.graphics.Color)	4290481601 (0xFFBB8DC1)
YUV	160.6820, 15.9328, 23.0809
Hunter-Lab	57.8488, 21.0914, -15.6937

Details

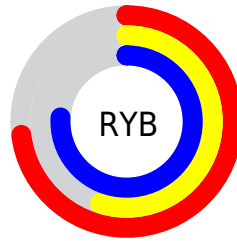
The XYZ color **39.6440, 33.4648, 54.8220** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.9115, 46.2670, 32.2386**, and the grayscale version is **33.6547, 35.4073, 38.5586**.

A 20% lighter version of the original color is **74.0787, 65.1654, 99.1163**, and **17.9892, 14.1630, 26.2117** is the 20% darker color. If you saturate the color by 10%, you get **36.5022, 27.9830, 53.9300**, and if you desaturate by 10%, it is **43.2923, 39.9456, 55.8811**.

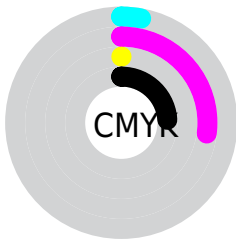
Distribution



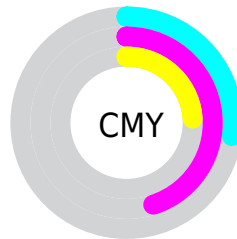
- Red (73%)
- Green (55%)
- Blue (76%)



- Red (73%)
- Yellow (55%)
- Blue (76%)



- Cyan (3%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)





- Cyan (27%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6440, 33.4648, 54.8220 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 39.6440, 33.4648, 54.8220 by changing the saturation by 10% instead.

 39.6440, 33.4648,
54.8220

 39.6440, 33.4648,
54.8220

335.7810,
317.7390, 422.4998

 27.4441, 22.4827,
38.8616


 73.9089, 65.1005,
98.7486

 18.0453, 14.2120,
26.3451


 96.7046, 86.5230,
127.5520

 11.0824, 8.2683,
16.8539


 123.7628,
112.1944, 161.4733

 6.1900, 4.2671,
9.9695

155.4491,
142.4991, 200.9313

 3.0027, 1.8241,
5.2734

192.1287,
177.8215, 246.3443

 1.1552, 0.5021,
2.3470

234.1670,

 0.0705, 0.0000,

218.5460, 298.1311

0.7574

281.9293,
265.0570, 356.7100

■ 0.0000, 0.0000,
0.0000

■ 39.6440, 33.4648,
54.8220

■ 39.6440, 33.4648,
54.8220

■ 36.5022, 27.9830,
53.9300

■ 43.2923, 39.9456,
55.8811

■ 33.8378, 23.4445,
53.1944

■ 47.4678, 47.4688,
57.1132

■ 31.6240, 19.7945,
52.6066

■ 52.1938, 56.0805,
58.5263

■ 29.8296, 16.9710,
52.1562

■ 57.4915, 65.8229,
60.1276

■ 28.4196, 14.9040,
51.8315

■ 63.3809, 76.7356,
61.9235

■ 27.3531, 13.5116,
51.6189

■ 69.3022, 87.6997,
63.7277

■ 26.5744, 12.6828,
51.5000

■ 69.9028, 88.0093,
63.7558

■ 26.3618, 12.4781,
51.4717

■ 70.5121, 88.3234,
63.7844

■ 71.1302, 88.6420,
63.8133

Harmonies

Analogous

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



35.4493, 33.4648, 66.4172



39.6440, 33.4648, 54.8220



41.7774, 33.4648, 39.9447

Triad

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



39.6440, 33.4648, 54.8220



33.0094, 33.4648, 16.1305



24.0783, 33.4648, 47.4468

Complementary

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



39.6440, 33.4648, 54.8220



35.9115, 46.2670, 32.2386

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.



23.5648, 33.4648, 33.1418



39.6440, 33.4648, 54.8220



28.4237, 33.4648, 17.1887

Square

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



39.6440, 33.4648, 54.8220



37.7062, 33.4648, 19.3327



25.0780, 33.4648, 22.7049



26.5581, 33.4648, 61.4714

Rectangle

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



39.6440, 33.4648, 54.8220



41.6080, 33.4648, 31.0316



25.0780, 33.4648, 22.7049



23.6808, 33.4648, 42.4373

Sweetspot

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



39.6451, 33.4662, 54.8227



84.0782, 83.3205, 102.0114



31.0557, 30.4028, 54.6841



17.7843, 17.4169, 21.8098



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.



39.6451, 33.4662, 54.8227



67.7656, 54.2630, 97.2625



39.0675, 33.4084, 43.9595



10.3792, 10.1866, 12.7040



17.5769, 8.3217, 34.2365



0.7925, 0.3766, 1.4808

Inverse Universe

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



36.7848, 32.4953, 31.9388



61.9033, 52.2906, 49.5628



36.4828, 46.3744, 40.7171



10.1194, 10.0964, 10.7194



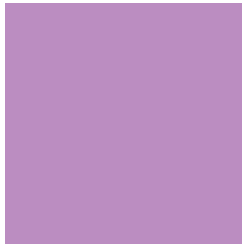
14.7411, 7.5862, 1.2829



0.6530, 0.3342, 0.1399

Previews

White Background



This preview shows how the XYZ color 39.6440, 33.4648, 54.8220 looks on a white background.

Color Contrast Check

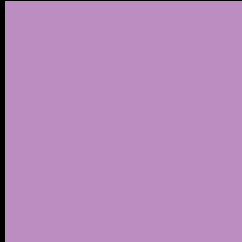
Large Text (above 18pt) WCAG AA × Fail

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 39.6440, 33.4648, 54.8220 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

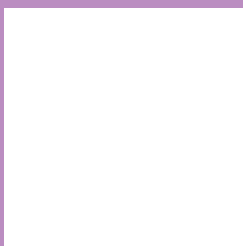
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6440, 33.4648, 54.8220

Background



This preview shows how black text looks on a background with the XYZ color 39.6440, 33.4648, 54.8220.



This preview shows how white text looks on a background with the XYZ color 39.6440, 33.4648,

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

39.6440, 33.4648, 54.8220

Protanopia

34.0024, 33.6838, 61.2094

Deuteranopia

34.3128, 33.5126, 53.9503



Tritanopia

35.9831, 33.3157, 37.3349

Trichromacy



Original Color

39.6440, 33.4648, 54.8220

Protanomaly

35.7124, 33.4098, 58.5993

Deuteranomaly

36.1982, 33.5162, 54.4306

Tritanomaly

37.2432, 33.3814, 43.0084

Monochromacy



Original Color

39.6440, 33.4648, 54.8220

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.6760, 34.6744, 44.3477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6440, 33.4648, 54.8220 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, 141, 193)` looks like.

```
.text, #text, p{  
    color:rgb(187, 141, 193)  
}
```

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, 141, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 141, 193) }
```

Border

The CSS property to change the border of an element to XYZ 39.6440, 33.4648, 54.8220 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, 141, 193) }
```


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

```
.border{ border-color:rgb(187, 141, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 141, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 141, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 141, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 141,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6440, 33.4648, 54.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 141, 193) }
```

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

```
.background{ background-color: rgb(187,  
141, 193) }
```

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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