

Converting Colors

XYZ(39.4531, 33.8081, 54.8929)

Have a look what the booklet for
XYZ(39.4531, 33.8081, 54.8929)
contains.

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Color

**XYZ(39.4557, 33.8095,
54.8984)**

Conversions

Conversions Part 1

Format	Color
Hex	B98FC1
RGB	185, 143, 193
RGB Percent	73%, 56%, 76%
CMY	0.2745, 0.4392, 0.2431
CMYK	0.04, 0.26, 0.00, 0.24
HSL	290°, 29%, 66%
HSV	290°, 26%, 76%
XYZ	39.4557, 33.8095, 54.8984
YIQ	161.2580, 8.9820, 24.4540

Conversions

Conversions Part 2

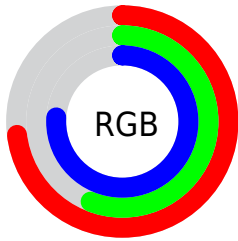
Format	Color
R_{YB}	185, 143, 193
Decimal	12160961
CIE _{Lab}	64.81, 24.66, -19.85
CIE _{LCh}	65, 31.661, 321.167
Yxy	33.8095, 0.3079, 0.2638
Android (android.graphics.Color)	4290351041 (0xFFB98FC1)
YUV	161.2580, 15.6488, 20.8217
Hunter-Lab	58.1459, 19.3682, -15.2764

Details

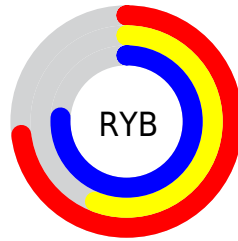
The XYZ color **39.4557, 33.8095, 54.8984** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.7916, 46.7033, 33.0638**, and the grayscale version is **33.9237, 35.6904, 38.8668**.

A 20% lighter version of the original color is **73.8395, 65.7119, 99.2344**, and **17.8474, 14.3437, 26.2540** is the 20% darker color. If you saturate the color by 10%, you get **36.0673, 28.1261, 53.9805**, and if you desaturate by 10%, it is **43.3608, 40.5010, 55.9847**.

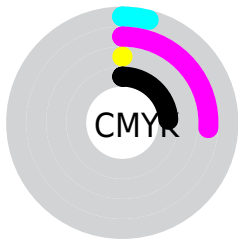
Distribution



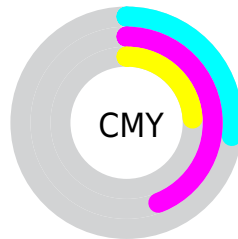
- Red (73%)
- Green (56%)
- Blue (76%)



- Red (73%)
- Yellow (56%)
- Blue (76%)



- Cyan (4%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4557, 33.8095, 54.8984 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 39.4557, 33.8095, 54.8984 by changing the saturation by 10% instead.

39.4557, 33.8095,
54.8984

39.4557, 33.8095,
54.8984

334.9980,
319.2818, 422.7978

27.2967, 22.7473,
38.9223

73.6236, 65.6373,
98.8617

17.9339, 14.4070,
26.3919

96.3632, 87.1717,
127.6861

11.0020, 8.4043,
16.8887

123.3604,
112.9656, 161.6303

6.1355, 4.3547,
9.9940

154.9806,
143.4035, 201.1129

2.9691, 1.8739,
5.2895

191.5891,
178.8696, 246.5523

1.1374, 0.5326,
2.3564

233.5512,

0.0561, 0.0000,

219.7484, 298.3673

0.7626

281.2324,
266.4244, 356.9763

■ 0.0000, 0.0000,
0.0000

■ 39.4557, 33.8095,
54.8984

■ 39.4557, 33.8095,
54.8984

■ 36.0673, 28.1261,
53.9805

■ 43.3608, 40.5010,
55.9847

■ 33.1669, 23.3954,
53.2202

■ 47.8033, 48.2438,
57.2450

■ 30.7276, 19.5632,
52.6091

■ 52.8064, 57.0836,
58.6876

■ 28.7187, 16.5682,
52.1369

■ 58.3913, 67.0622,
60.3193

■ 27.1054, 14.3411,
51.7921

■ 64.5777, 78.2194,
62.1468

■ 25.8477, 12.8018,
51.5612

■ 70.1588, 88.1413,
63.7678

■ 24.8948, 11.8492,
51.4276

■ 71.0111, 88.5806,
63.8077

■ 24.5506, 11.5443,
51.3869

■ 71.8803, 89.0287,
63.8483

■ 72.7664, 89.4855,
63.8898

Harmonies

Analogous

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



35.4040, 33.8095, 65.5255



39.4557, 33.8095, 54.8984



41.5949, 33.8095, 40.8026

Triad

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



39.4557, 33.8095, 54.8984



33.4994, 33.8095, 17.1659



24.6363, 33.8095, 46.6385

Complementary

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



39.4557, 33.8095, 54.8984



36.7916, 46.7033, 33.0638

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.



24.2304, 33.8095, 33.0920



39.4557, 33.8095, 54.8984



29.0735, 33.8095, 18.0188

Square

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



39.4557, 33.8095, 54.8984



37.9489, 33.8095, 20.5198



25.7808, 33.8095, 23.2119



26.9473, 33.8095, 60.0268

Rectangle

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



39.4557, 33.8095, 54.8984



41.5213, 33.8095, 32.1633



25.7808, 33.8095, 23.2119



24.2818, 33.8095, 41.8901

Sweetspot

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



39.4568, 33.8110, 54.8991



83.7634, 83.1582, 101.9966



32.0751, 31.9322, 54.9255



17.7043, 17.3757, 21.8060



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.



39.4568, 33.8110, 54.8991



67.1683, 54.6568, 97.3700



39.6853, 34.1316, 45.7449



10.3339, 10.1633, 12.7019



16.3852, 7.7073, 34.1807



0.7513, 0.3554, 1.4789

Inverse Universe

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



37.4018, 33.2182, 33.7202



62.9618, 53.4703, 52.8050



36.7149, 46.5068, 40.1481



10.1375, 10.1036, 10.8144



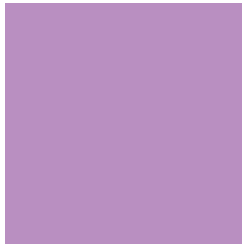
14.8107, 7.6140, 1.6491



0.6611, 0.3374, 0.1826

Previews

White Background



This preview shows how the XYZ color 39.4557, 33.8095, 54.8984 looks on a white background.

Color Contrast Check

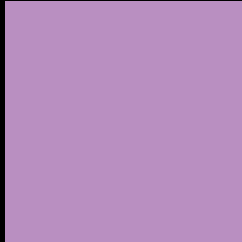
Large Text (above 18pt) WCAG AA × Fail

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 39.4557, 33.8095, 54.8984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

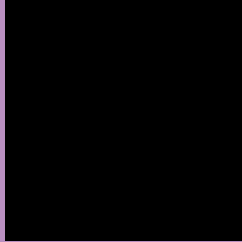
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4557, 33.8095, 54.8984

Background



This preview shows how black text looks on a background with the XYZ color 39.4557, 33.8095, 54.8984.



This preview shows how white text looks on a background with the XYZ color 39.4557, 33.8095,

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

39.4557, 33.8095, 54.8984

Protanopia

34.4032, 34.1522, 60.6559

Deuteranopia

34.6699, 33.9407, 54.0141



Tritanopia

36.0029, 33.7714, 38.3392

Trichromacy



Original Color

39.4557, 33.8095, 54.8984

Protanomaly

35.8726, 33.7303, 58.6527

Deuteranomaly

36.3571, 33.8340, 54.4836

Tritanomaly

37.2679, 33.8297, 44.1007

Monochromacy



Original Color

39.4557, 33.8095, 54.8984

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 39.4557, 33.8095, 54.8984 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(185, 143, 193)` looks like.

```
.text, #text, p{  
    color:rgb(185, 143, 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(185, 143, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 143, 193) }
```

Border

The CSS property to change the border of an element to XYZ 39.4557, 33.8095, 54.8984 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(185, 143, 193) }
```


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

```
.border{ border-color:rgb(185, 143, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 143, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 143, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 143, 193);  
box-shadow:4px 4px 4px 4px rgb(185, 143,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4557, 33.8095, 54.8984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 143, 193) }
```

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

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