

Converting Colors

XYZ(54.8108, 39.8145, 42.0856)

Have a look what the booklet for
XYZ(54.8108, 39.8145, 42.0856)
contains.

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Color

**XYZ(54.8798, 39.9262,
41.8598)**

Conversions

Conversions Part 1

Format	Color
Hex	FA85A8
RGB	250, 133, 168
RGB Percent	98%, 52%, 66%
CMY	0.0196, 0.4784, 0.3412
CMYK	0.00, 0.47, 0.33, 0.02
HSL	342°, 92%, 75%
HSV	342°, 47%, 98%
XYZ	54.8798, 39.9262, 41.8598
YIQ	171.9730, 58.4970, 35.6890

Conversions

Conversions Part 2

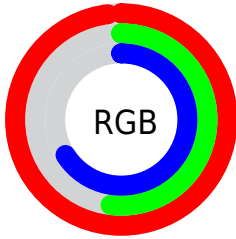
Format	Color
R_{YB}	250, 133, 168
Decimal	16418216
CIE _{Lab}	69.42, 48.18, 1.84
CIE _{LCh}	69, 48.212, 2.193
Yxy	39.9262, 0.4016, 0.2921
Android (android.graphics.Color)	4294608296 (0xFFFA85A8)
YUV	171.9730, -1.9587, 68.4297
Hunter-Lab	63.1872, 44.4546, 4.9530

Details

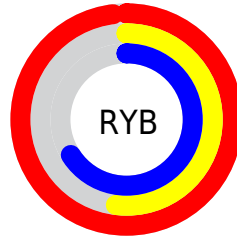
The XYZ color **54.8798, 39.9262, 41.8598** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.1262, 78.2652, 76.4428**, and the grayscale version is **39.1890, 41.2299, 44.8994**.

A 20% lighter version of the original color is **72.5425, 62.5542, 78.0628**, and **27.4342, 17.9293, 18.5378** is the 20% darker color. If you saturate the color by 10%, you get **50.3314, 33.2681, 32.8252**, and if you desaturate by 10%, it is **60.4648, 48.3051, 52.3260**.

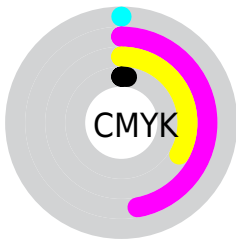
Distribution



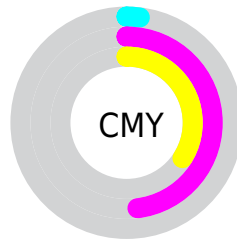
- Red (98%)
- Green (52%)
- Blue (66%)



- Red (98%)
- Yellow (52%)
- Blue (66%)



- Cyan (0%)
- Magenta (47%)
- Yellow (33%)
- Black (2%)





- Cyan (2%)
- Magenta (48%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8798, 39.9262, 41.8598 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 54.8798, 39.9262, 41.8598 by changing the saturation by 10% instead.


 54.8798, 39.9262,
41.8598

 54.8798, 39.9262,
41.8598


395.6000,
345.8124, 369.6839


 39.5390, 27.4810,
28.6668


 96.5142, 75.0511,
79.2552

 27.3619, 17.9348,
18.5855


 123.5384, 98.4996,
104.2946

 17.9832, 10.9032,
11.1974

 155.1878,
126.3847, 134.1200

 11.0375, 6.0018,
6.0839

191.8278,
159.0908, 169.1497

 6.1596, 2.8462,
2.8266

233.8236,
197.0022, 209.8025

 2.9839, 1.0520,
1.0068

281.5407,

 1.1453, 0.0000,

240.5033, 256.4967

0.0000

335.3443,
289.9786, 309.6510

■ 0.0625, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8798, 39.9262,
41.8598

■ 54.8798, 39.9262,
41.8598

■ 50.3314, 33.2681,
32.8252

■ 60.4648, 48.3051,
52.3260

■ 46.7489, 28.2039,
25.1544

■ 67.1443, 58.5079,
64.2825

■ 44.0574, 24.5987,
18.7768

■ 74.9756, 70.6367,
77.7876

■ 42.1689, 22.2923,
13.6137

■ 84.0112, 84.7842,
92.8953

■ 40.9738, 21.0828,
9.5749

■ 93.2345, 99.0641,
108.8150

■ 40.6869, 20.8290,
8.4927

Harmonies

Analogous

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



52.7211, 39.9262, 66.5865



54.8798, 39.9262, 41.8598



52.0142, 39.9262, 24.4631

Triad

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



54.8798, 39.9262, 41.8598



30.5475, 39.9262, 16.4272



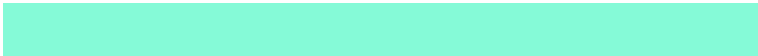
31.4103, 39.9262, 93.2278

Complementary

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



54.8798, 39.9262, 41.8598



56.1262, 78.2652, 76.4428

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.



26.6792, 39.9262, 70.4170



54.8798, 39.9262, 41.8598



26.2308, 39.9262, 26.4425

Square

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



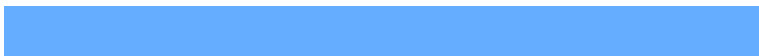
54.8798, 39.9262, 41.8598



37.3812, 39.9262, 13.2439



24.9160, 39.9262, 45.1268



38.5219, 39.9262, 101.6146

Rectangle

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



54.8798, 39.9262, 41.8598



47.8405, 39.9262, 17.7132



24.9160, 39.9262, 45.1268



29.5240, 39.9262, 86.6817

Sweetspot

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



54.8809, 39.9282, 41.8606



80.9297, 77.7917, 85.5967



53.6395, 38.1114, 94.9719



16.9049, 15.9993, 17.6165



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



54.8809, 39.9282, 41.8606



52.9653, 35.2562, 34.9855



55.6152, 45.9310, 28.1271



17.4582, 17.3107, 19.0029



21.6366, 11.0704, 4.7947



2.0485, 1.0431, 0.6788

Inverse Universe

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



54.8809, 39.9282, 41.8606



52.9653, 35.2562, 34.9855



54.2896, 66.6098, 100.4384



17.4582, 17.3107, 19.0029



21.6366, 11.0704, 4.7947



2.0485, 1.0431, 0.6788

Previews

White Background



This preview shows how the XYZ color 54.8798, 39.9262, 41.8598 looks on a white background.

Color Contrast Check

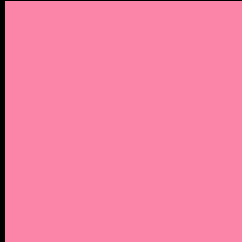
Large Text (above 18pt) WCAG AA × Fail

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 54.8798, 39.9262, 41.8598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

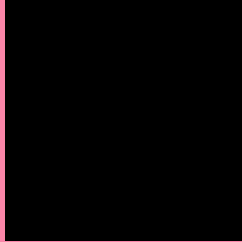
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8798, 39.9262, 41.8598

Background



This preview shows how black text looks on a background with the XYZ color 54.8798, 39.9262, 41.8598.



This preview shows how white text looks on a background with the XYZ color 54.8798, 39.9262,

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

54.8798, 39.9262, 41.8598

Protanopia

39.3096, 40.2655, 53.8443

Deuteranopia

40.8726, 40.0141, 40.2196



Tritanopia

52.9235, 39.9544, 32.5264

Trichromacy



Original Color

54.8798, 39.9262, 41.8598



Protanomaly

43.2549, 38.9834, 48.9608



Deuteranomaly

45.0467, 39.3480, 40.8180



Tritanomaly

53.7875, 40.1146, 35.9183

Monochromacy



Original Color

54.8798, 39.9262, 41.8598



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

43.3970, 39.6734, 43.8985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8798, 39.9262, 41.8598 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(250, 133, 168)` looks like.

```
.text, #text, p{  
    color:rgb(250, 133, 168)  
}
```

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(250, 133, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 133, 168) }
```

Border

The CSS property to change the border of an element to XYZ 54.8798, 39.9262, 41.8598 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(250, 133, 168) }
```


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

```
.border{ border-color:rgb(250, 133, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 133, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 133, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 133, 168);  
box-shadow:4px 4px 4px 4px rgb(250, 133,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8798, 39.9262, 41.8598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 133, 168) }
```

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

```
.background{ background-color: rgb(250,  
133, 168) }
```

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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