

Converting Colors

XYZ(54.5737, 40.8665, 47.2603)

Have a look what the booklet for
XYZ(54.5737, 40.8665, 47.2603)
contains.

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Color

**XYZ(54.5767, 40.9127,
47.1399)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F48BB2 |
| RGB | 244, 139, 178 |
| RGB Percent | 96%, 55%, 70% |
| CMY | 0.0431, 0.4549, 0.3020 |
| CMYK | 0.00, 0.43, 0.27, 0.04 |
| HSL | 338°, 83%, 75% |
| HSV | 338°, 43%, 96% |
| XYZ | 54.5767, 40.9127, 47.1399 |
| YIQ | 174.8410, 50.0610, 34.3890 |

Conversions

Conversions Part 2

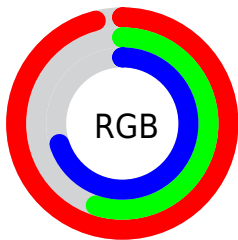
| Format | Color |
|-------------------------------------|---|
| RYB | 244, 139, 178 |
| Decimal | 16026546 |
| CIELab | 70.11, 44.40, -2.83 |
| CIElCh | 70, 44.491, 356.357 |
| Yxy | 40.9127, 0.3826, 0.2868 |
| Android (android.graphics.Color) | 4294216626 (0xFFFF48BB2) |
| YUV | 174.8410, 1.5574, 60.6524 |
| Hunter-Lab | 63.9630, 40.3705, 1.0782 |

Details

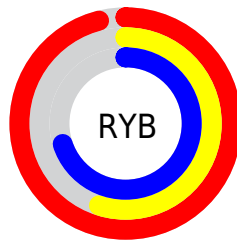
The XYZ color **54.5767, 40.9127, 47.1399** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.0195, 74.5991, 69.3133**, and the grayscale version is **40.6406, 42.7571, 46.5624**.

A 20% lighter version of the original color is **75.3831, 65.7841, 86.5664**, and **27.0370, 18.4505, 21.5383** is the 20% darker color. If you saturate the color by 10%, you get **49.9750, 34.0374, 38.4281**, and if you desaturate by 10%, it is **60.1413, 49.4376, 57.0231**.

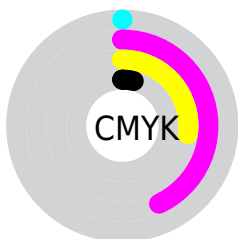
Distribution



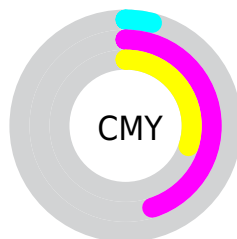
- Red (96%)
- Green (55%)
- Blue (70%)



- Red (96%)
- Yellow (55%)
- Blue (70%)



- Cyan (0%)
- Magenta (43%)
- Yellow (27%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5767, 40.9127, 47.1399 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 54.5767, 40.9127, 47.1399 by changing the saturation by 10% instead.


 54.5767, 40.9127,
47.1399


 54.5767, 40.9127,
47.1399


394.4679,
349.9556, 391.7826


 39.2954, 28.2509,
32.7911


 96.0724, 76.5514,
87.2746

 27.1714, 18.5149,
21.6967


 123.0176,
100.2970, 113.8976

 17.8392, 11.3203,
13.4380


 154.5814,
128.5060, 145.4490

 10.9336, 6.2827,
7.5966

191.1292,
161.5628, 182.3475

 6.0892, 3.0177,
3.7539

233.0264,
199.8517, 225.0116

 2.9406, 1.1410,
1.4913

280.6384,

 1.1224, 0.0127,

243.7573, 273.8598

0.2114

334.3304,
293.6638, 329.3106

■ 0.0437, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5767, 40.9127,
47.1399

■ 54.5767, 40.9127,
47.1399

■ 49.9750, 34.0374,
38.4281

■ 60.1413, 49.4376,
57.0231

■ 46.2739, 28.6972,
30.8379

■ 66.7189, 59.7045,
68.1196

■ 43.4092, 24.7726,
24.3188

■ 74.3600, 71.8061,
80.4722

■ 41.3057, 22.1234,
18.8148

■ 83.1109, 85.8269,
94.1206

■ 39.8731, 20.5799,
14.2628

■ 91.0685, 97.9532,
108.4539

■ 39.1803, 19.9819,
11.6038

■ 91.1183, 97.9731,
108.7160

Harmonies

Analogous

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



51.7274, 40.9127, 70.6197



54.5767, 40.9127, 47.1399



52.8093, 40.9127, 29.0282

Triad

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



54.5767, 40.9127, 47.1399



33.0028, 40.9127, 17.4365



31.6427, 40.9127, 86.8939

Complementary

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



54.5767, 40.9127, 47.1399



54.0195, 74.5991, 69.3133

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.



27.6545, 40.9127, 64.7963



54.5767, 40.9127, 47.1399



28.3684, 40.9127, 25.8404

Square

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



54.5767, 40.9127, 47.1399



39.7814, 40.9127, 15.3421



26.5344, 40.9127, 42.0509



38.0047, 40.9127, 97.6547

Rectangle

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



54.5767, 40.9127, 47.1399



49.3570, 40.9127, 21.3973



26.5344, 40.9127, 42.0509



30.0122, 40.9127, 80.2649

Sweetspot

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



54.5779, 40.9147, 47.1407



82.1960, 79.3727, 88.9521



50.3969, 37.8013, 90.2283



17.1711, 16.3171, 18.3667



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.



54.5779, 40.9147, 47.1407



55.6613, 38.2425, 43.3002



53.0768, 43.3131, 29.9915



16.7536, 16.5843, 18.4491



21.3646, 10.8893, 6.6281



1.9257, 0.9762, 0.8350

Inverse Universe

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



54.5779, 40.9147, 47.1407



55.6613, 38.2425, 43.3002



55.7643, 69.5943, 96.0821



16.7536, 16.5843, 18.4491



21.3646, 10.8893, 6.6281



1.9257, 0.9762, 0.8350

Previews

White Background



This preview shows how the XYZ color 54.5767, 40.9127, 47.1399 looks on a white background.

Color Contrast Check

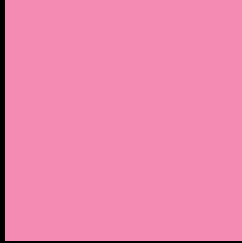
Large Text (above 18pt) WCAG AA × Fail

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 54.5767, 40.9127, 47.1399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

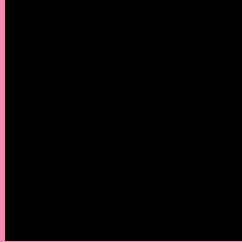
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5767, 40.9127, 47.1399

Background



This preview shows how black text looks on a background with the XYZ color 54.5767, 40.9127, 47.1399.



This preview shows how white text looks on a background with the XYZ color 54.5767, 40.9127,

47.1399.

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

54.5767, 40.9127, 47.1399

Protanopia

40.3891, 40.9962, 58.6076

Deuteranopia

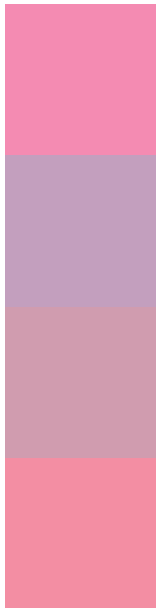
41.9181, 40.9809, 45.2360



Tritanopia

52.2731, 40.8553, 35.7026

Trichromacy



Original Color

54.5767, 40.9127, 47.1399

Protanomaly

44.1981, 40.1161, 54.1289

Deuteranomaly

45.6388, 40.2820, 45.9272

Tritanomaly

53.2460, 41.0450, 39.7664

Monochromacy



Original Color

54.5767, 40.9127, 47.1399

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

44.5762, 41.2546, 46.6878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5767, 40.9127, 47.1399 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(244, 139, 178)` looks like.

```
.text, #text, p{  
    color:rgb(244, 139, 178)  
}
```

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(244, 139, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 139, 178) }
```

Border

The CSS property to change the border of an element to XYZ 54.5767, 40.9127, 47.1399 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(244, 139, 178) }
```


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

```
.border{ border-color:rgb(244, 139, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 139, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 139, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 139, 178);  
box-shadow:4px 4px 4px 4px rgb(244, 139,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5767, 40.9127, 47.1399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 139, 178) }
```

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

```
.background{ background-color: rgb(244,  
139, 178) }
```

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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