

Converting Colors

XYZ(53.2398, 40.1614, 41.9576)

Have a look what the booklet for
XYZ(53.2398, 40.1614, 41.9576)
contains.

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Color

**XYZ(53.1185, 40.0588,
41.9783)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F38AA8 |
| RGB | 243, 138, 168 |
| RGB Percent | 95%, 54%, 66% |
| CMY | 0.0471, 0.4588, 0.3412 |
| CMYK | 0.00, 0.43, 0.31, 0.05 |
| HSL | 343°, 81%, 75% |
| HSV | 343°, 43%, 95% |
| XYZ | 53.1185, 40.0588, 41.9783 |
| YIQ | 172.8150, 52.9500, 31.5900 |

Conversions

Conversions Part 2

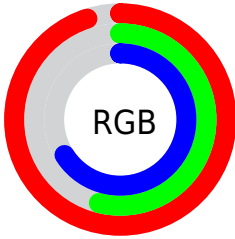
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 243, 138, 168 |
| Decimal | 15960744 |
| CIE Lab | 69.51, 43.27, 1.87 |
| CIE LCh | 70, 43.307, 2.475 |
| Yxy | 40.0588, 0.3930, 0.2964 |
| Android (android.graphics.Color) | 4294150824 (0xFF38AA8) |
| YUV | 172.8150, -2.3738, 61.5522 |
| Hunter-Lab | 63.2920, 39.0470, 4.9804 |

Details

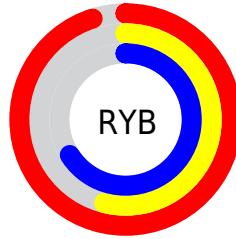
The XYZ color **53.1185, 40.0588, 41.9783** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.5439, 74.3095, 74.4230**, and the grayscale version is **39.6202, 41.6835, 45.3934**.

A 20% lighter version of the original color is **73.6292, 64.7276, 78.4250**, and **26.1680, 17.9483, 18.6082** is the 20% darker color. If you saturate the color by 10%, you get **48.5034, 33.2460, 32.9871**, and if you desaturate by 10%, it is **58.7315, 48.5215, 52.3680**.

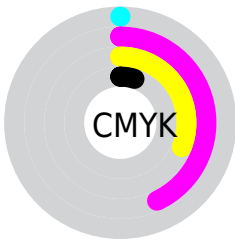
Distribution



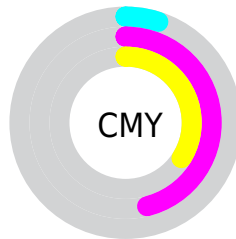
- Red (95%)
- Green (54%)
- Blue (66%)



- Red (95%)
- Yellow (54%)
- Blue (66%)



- Cyan (0%)
- Magenta (43%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1185, 40.0588, 41.9783 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 53.1185, 40.0588, 41.9783 by changing the saturation by 10% instead.


 53.1185, 40.0588,
41.9783

 53.1185, 40.0588,
41.9783


388.9930,
346.3713, 370.1900


 38.1252, 27.5844,
28.7589


 93.9432, 75.2530,
79.4365

 26.2576, 18.0126,
18.6545


 120.5054, 98.7417,
104.5124

 17.1501, 10.9590,
11.2466


 151.6546,
126.6705, 134.3774

 10.4375, 6.0393,
6.1167

187.7561,
159.4239, 169.4503

 5.7545, 2.8690,
2.8462

229.1754,
197.3863, 210.1494

 2.7356, 1.0637,
1.0167

276.2777,

 1.0155, 0.0000,

240.9421, 256.8934

0.0000

329.4285,
290.4756, 310.1007

■ 0.0000, 0.0000,
0.0000

■ 53.1185, 40.0588,
41.9783

■ 53.1185, 40.0588,
41.9783

■ 48.5034, 33.2460,
32.9871

■ 58.7315, 48.5215,
52.3680

■ 44.8219, 27.9687,
25.3298

■ 65.3950, 58.7270,
64.2121

■ 42.0068, 24.1068,
18.9398

■ 73.1615, 70.7682,
77.5659

■ 39.9800, 21.5199,
13.7432

■ 82.0792, 84.7296,
92.4814

■ 38.6482, 20.0377,
9.6568

■ 90.7386, 97.7813,
108.5228

■ 38.0495, 19.4896,
7.4552

■ 90.7722, 97.7947,
108.6998

Harmonies

Analogous

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



51.2596, 40.0588, 63.9002



53.1185, 40.0588, 41.9783



50.5562, 40.0588, 26.0634

Triad

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



53.1185, 40.0588, 41.9783



31.3137, 40.0588, 18.5630



32.2032, 40.0588, 87.3528

Complementary

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



53.1185, 40.0588, 41.9783



54.5439, 74.3095, 74.4230

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.



27.8378, 40.0588, 67.6809



53.1185, 40.0588, 41.9783



27.3700, 40.0588, 28.1567

Square

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



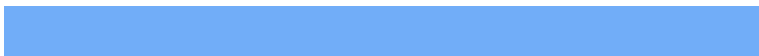
53.1185, 40.0588, 41.9783



37.4980, 40.0588, 15.3837



26.1788, 40.0588, 45.2983



38.6572, 40.0588, 94.3890

Rectangle

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



53.1185, 40.0588, 41.9783



46.8484, 40.0588, 19.6839



26.1788, 40.0588, 45.2983



30.4711, 40.0588, 81.7534

Sweetspot

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



53.1196, 40.0608, 41.9791



81.7905, 79.2105, 86.8170



52.2752, 38.5731, 89.4843



17.0718, 16.2774, 17.8436



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.



53.1196, 40.0608, 41.9791



54.6185, 37.8254, 37.8090



53.9492, 45.6880, 30.0225



16.6938, 16.5604, 18.1339



20.9329, 10.7166, 4.3550



1.8822, 0.9589, 0.6062

Inverse Universe

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



53.1196, 40.0608, 41.9791



54.6185, 37.8254, 37.8090



52.7817, 64.1182, 94.3883



16.6938, 16.5604, 18.1339



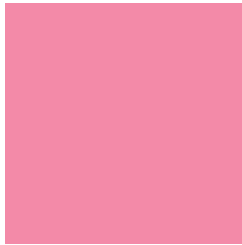
20.9329, 10.7166, 4.3550



1.8822, 0.9589, 0.6062

Previews

White Background



This preview shows how the XYZ color 53.1185, 40.0588, 41.9783 looks on a white background.

Color Contrast Check

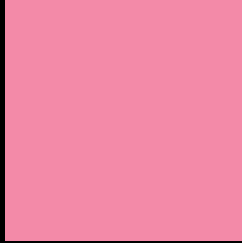
Large Text (above 18pt) WCAG AA × Fail

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 53.1185, 40.0588, 41.9783 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 53.1185, 40.0588, 41.9783

Background



This preview shows how black text looks on a background with the XYZ color 53.1185, 40.0588, 41.9783.



This preview shows how white text looks on a background with the XYZ color 53.1185, 40.0588,

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

53.1185, 40.0588, 41.9783

Protanopia

39.4131, 40.3561, 52.1666

Deuteranopia

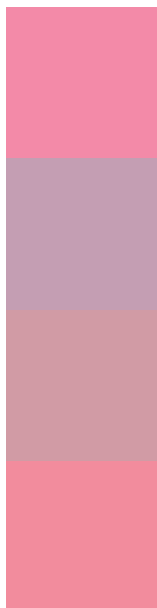
40.8726, 40.0141, 40.2196



Tritanopia

51.3864, 39.9849, 34.2877

Trichromacy



Original Color

53.1185, 40.0588, 41.9783

Protanomaly

43.1285, 39.4442, 47.9882

Deuteranomaly

44.8074, 39.7146, 40.9014

Tritanomaly

52.0818, 40.0677, 36.8871

Monochromacy



Original Color

53.1185, 40.0588, 41.9783

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

43.2102, 40.0877, 43.9883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1185, 40.0588, 41.9783 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(243, 138, 168)` looks like.

```
.text, #text, p{  
    color:rgb(243, 138, 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(243, 138, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 138, 168) }
```

Border

The CSS property to change the border of an element to XYZ 53.1185, 40.0588, 41.9783 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(243, 138, 168) }
```


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

```
.border{ border-color:rgb(243, 138, 168) }
```

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

Here you see how a box with a 4 pixel rgb(243, 138, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 138, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 138, 168);  
box-shadow:4px 4px 4px 4px rgb(243, 138,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1185, 40.0588, 41.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 138, 168) }
```

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

```
.background{ background-color: rgb(243,  
138, 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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