

Converting Colors

XYZ(54.1586, 38.7796, 40.7075)

Have a look what the booklet for
XYZ(54.1586, 38.7796, 40.7075)
contains.

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Color

**XYZ(54.1575, 38.7777,
40.7068)**

Conversions

Conversions Part 1

Format	Color
Hex	FA81A6
RGB	250, 129, 166
RGB Percent	98%, 51%, 65%
CMY	0.0196, 0.4941, 0.3490
CMYK	0.00, 0.48, 0.34, 0.02
HSL	342°, 92%, 74%
HSV	342°, 48%, 98%
XYZ	54.1575, 38.7777, 40.7068
YIQ	169.3970, 60.2390, 37.1590

Conversions

Conversions Part 2

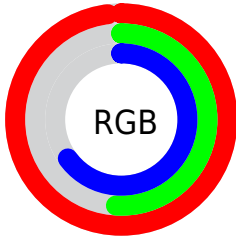
Format	Color
R _Y B	250, 129, 166
Decimal	16417190
CIE Lab	68.59, 49.91, 1.77
CIE LCh	69, 49.937, 2.027
Yxy	38.7777, 0.4052, 0.2902
Android (android.graphics.Color)	4294607270 (0xFFFA81A6)
YUV	169.3970, -1.6747, 70.6888
Hunter-Lab	62.2717, 46.2652, 4.8326

Details

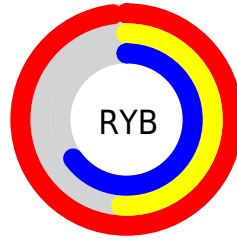
The XYZ color **54.1575, 38.7777, 40.7068** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.2510, 77.8433, 75.0684**, and the grayscale version is **37.8970, 39.8706, 43.4191**.

A 20% lighter version of the original color is **71.4316, 60.7614, 76.3699**, and **26.7885, 17.1942, 17.8265** is the 20% darker color. If you saturate the color by 10%, you get **49.7719, 32.3847, 31.9128**, and if you desaturate by 10%, it is **59.5656, 46.8714, 50.9025**.

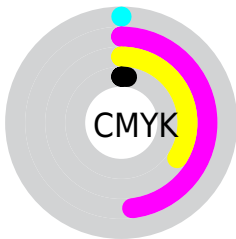
Distribution



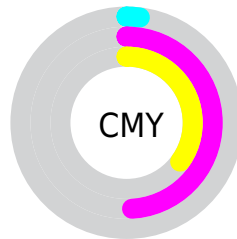
- Red (98%)
- Green (51%)
- Blue (65%)



- Red (98%)
- Yellow (51%)
- Blue (65%)



- Cyan (0%)
- Magenta (48%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1575, 38.7777, 40.7068 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 54.1575, 38.7777, 40.7068 by changing the saturation by 10% instead.


 54.1575, 38.7777,
40.7068

 54.1575, 38.7777,
40.7068


392.8989,
340.9444, 364.7340


 38.9588, 26.5868,
27.7721


 95.4610, 73.2986,
77.4874

 26.9082, 17.2632,
17.9164


 122.2965, 96.3974,
102.1704

 17.6405, 10.4223,
10.7211


 153.7416,
123.9010, 131.6066

 10.7903, 5.6798,
5.7678

190.1617,
156.1938, 166.2145

 5.9923, 2.6514,
2.6379

231.9221,
193.6601, 206.4126

 2.8810, 0.9526,
0.9119

279.3882,

 1.0912, 0.0000,

236.6844, 252.6196

0.0000

332.9253,
285.6510, 305.2538

■ 0.0177, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1575, 38.7777,
40.7068

■ 54.1575, 38.7777,
40.7068

■ 49.7719, 32.3847,
31.9128

■ 59.5656, 46.8714,
50.9025

■ 46.3371, 27.5635,
24.4534

■ 66.0548, 56.7707,
62.5581

■ 43.7772, 24.1764,
18.2585

■ 73.6829, 68.5788,
75.7309

■ 42.0018, 22.0583,
13.2498

■ 82.5027, 82.3895,
90.4746

■ 40.8871, 20.9787,
9.3334

■ 92.5634, 98.2903,
106.8399

■ 40.7441, 20.8519,
8.7948

■ 93.2343, 99.0640,
108.8150

Harmonies

Analogous

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



51.9147, 38.7777, 66.0079



54.1575, 38.7777, 40.7068



51.2445, 38.7777, 23.1456

Triad

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



54.1575, 38.7777, 40.7068



29.3952, 38.7777, 15.0935



30.2003, 38.7777, 93.2768

Complementary

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



54.1575, 38.7777, 40.7068



55.2510, 77.8433, 75.0684

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.



25.4512, 38.7777, 69.6520



54.1575, 38.7777, 40.7068



25.0350, 38.7777, 24.9713

Square

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



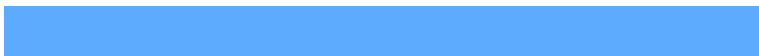
54.1575, 38.7777, 40.7068



36.3240, 38.7777, 12.0185



23.6996, 38.7777, 43.7750



37.3953, 38.7777, 102.0896

Rectangle

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



54.1575, 38.7777, 40.7068



46.9822, 38.7777, 16.4309



23.6996, 38.7777, 43.7750



28.3023, 38.7777, 86.4702

Sweetspot

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



54.1586, 38.7796, 40.7075



80.0539, 76.3831, 84.2472



52.1674, 36.5550, 94.7487



16.7335, 15.7225, 17.3559



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.



54.1586, 38.7796, 40.7075



52.2019, 34.0738, 33.6691



54.4844, 44.1034, 26.4126



17.4631, 17.3126, 19.0284



21.6679, 11.0829, 4.9596



2.0519, 1.0445, 0.6967

Inverse Universe

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



54.1586, 38.7796, 40.7075



52.2019, 34.0738, 33.6691



54.0031, 66.9565, 100.5201



17.4631, 17.3126, 19.0284



21.6679, 11.0829, 4.9596



2.0519, 1.0445, 0.6967

Previews

White Background



This preview shows how the XYZ color 54.1575, 38.7777, 40.7068 looks on a white background.

Color Contrast Check

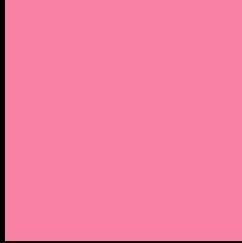
Large Text (above 18pt) WCAG AA × Fail

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 54.1575, 38.7777, 40.7068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

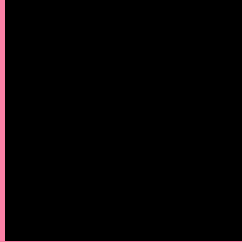
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1575, 38.7777, 40.7068

Background



This preview shows how black text looks on a background with the XYZ color 54.1575, 38.7777, 40.7068.



This preview shows how white text looks on a background with the XYZ color 54.1575, 38.7777,

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

54.1575, 38.7777, 40.7068

Protanopia

38.4129, 39.2676, 53.1318

Deuteranopia

39.7590, 38.9435, 38.6790



Tritanopia

52.0569, 38.7147, 30.7156

Trichromacy



Original Color

54.1575, 38.7777, 40.7068



Protanomaly

42.3944, 37.8135, 48.2443



Deuteranomaly

44.0063, 38.1230, 39.2215



Tritanomaly

52.9041, 38.8766, 33.9937

Monochromacy



Original Color

54.1575, 38.7777, 40.7068



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

41.9122, 37.9441, 42.1607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1575, 38.7777, 40.7068 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, 129, 166)` looks like.

```
.text, #text, p{  
    color:rgb(250, 129, 166)  
}
```

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, 129, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 129, 166) }
```

Border

The CSS property to change the border of an element to XYZ 54.1575, 38.7777, 40.7068 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, 129, 166) }
```


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

```
.border{ border-color:rgb(250, 129, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 129, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 129, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 129, 166);  
box-shadow:4px 4px 4px 4px rgb(250, 129,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1575, 38.7777, 40.7068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 129, 166) }
```

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

```
.background{ background-color: rgb(250,  
129, 166) }
```

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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