

Converting Colors

XYZ(54.7959, 39.5839, 37.1001)

Have a look what the booklet for
XYZ(54.7959, 39.5839, 37.1001)
contains.

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Color

**XYZ(54.7959, 39.5839,
37.1001)**

Conversions

Conversions Part 1

Format	Color
Hex	FD839E
RGB	253, 131, 158
RGB Percent	99%, 51%, 62%
CMY	0.0078, 0.4862, 0.3804
CMYK	0.00, 0.48, 0.38, 0.01
HSL	347°, 97%, 75%
HSV	347°, 48%, 99%
XYZ	54.7959, 39.5839, 37.1001
YIQ	170.5560, 64.0450, 34.2610

Conversions

Conversions Part 2

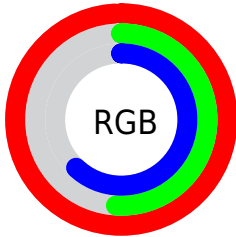
Format	Color
R_{YB}	253, 131, 158
Decimal	16614302
CIE _{Lab}	69.17, 49.02, 7.16
CIE _{LCh}	69, 49.539, 8.307
Yxy	39.5839, 0.4168, 0.3011
Android (android.graphics.Color)	4294804382 (0xFFFD839E)
YUV	170.5560, -6.1901, 72.3034
Hunter-Lab	62.9157, 45.3604, 9.0789

Details

The XYZ color **54.7959, 39.5839, 37.1001** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.2149, 80.5678, 84.4392**, and the grayscale version is **38.4949, 40.4996, 44.1041**.

A 20% lighter version of the original color is **70.6826, 61.1313, 70.3615**, and **27.3000, 17.7067, 15.8888** is the 20% darker color. If you saturate the color by 10%, you get **50.2411, 32.9742, 27.8750**, and if you desaturate by 10%, it is **60.4542, 47.9653, 48.0351**.

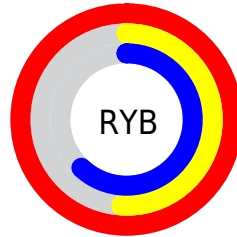
Distribution



Red (99%)

Green (51%)

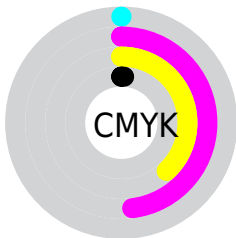
Blue (62%)



Red (99%)

Yellow (51%)

Blue (62%)

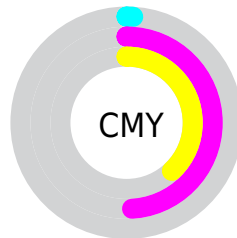


Cyan (0%)

Magenta (48%)

Yellow (38%)

Black (1%)



Cyan (1%)


Magenta (49%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7959, 39.5839, 37.1001 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 54.7959, 39.5839, 37.1001 by changing the saturation by 10% instead.


 54.7959, 39.5839,
37.1001


 54.7959, 39.5839,
37.1001


395.2868,
344.3666, 348.9254


 39.4715, 27.2143,
24.9886

 96.3919, 74.5295,
71.9148

 27.3091, 17.7342,
15.8496


 123.3943, 97.8742,
95.4550

 17.9433, 10.7593,
9.2646


 155.0200,
125.6461, 123.6419

 11.0087, 5.9052,
4.8150

191.6345,
158.2295, 156.8940

 6.1400, 2.7875,
2.0823

233.6030,
196.0089, 195.6299

 2.9719, 1.0218,
0.6052

281.2910,

 1.1389, 0.0000,

239.3686, 240.2681

0.0000

335.0638,
288.6931, 291.2271

■ 0.0573, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7959, 39.5839,
37.1001

■ 54.7959, 39.5839,
37.1001

■ 50.2411, 32.9742,
27.8750

■ 60.4542, 47.9653,
48.0351

■ 46.7122, 28.0021,
20.2691

■ 67.2802, 58.2278,
60.7597

■ 44.1265, 24.5241,
14.1860

■ 75.3367, 70.4788,
75.3513

■ 42.3858, 22.3688,
9.5177

■ 84.6811, 84.8160,
91.8819

■ 41.3592, 21.3014,
6.1365

94.3180, 99.6227,
108.8657

■ 41.2214, 21.1680,
5.6522

Harmonies

Analogous

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



53.6238, 39.5839, 61.3170



54.7959, 39.5839, 37.1001



50.8848, 39.5839, 21.3216

Triad

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



54.7959, 39.5839, 37.1001



28.9499, 39.5839, 17.1335



32.2698, 39.5839, 97.6620

Complementary

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



54.7959, 39.5839, 37.1001



58.2149, 80.5678, 84.4392

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.



26.8928, 39.5839, 76.1871



54.7959, 39.5839, 37.1001



25.1716, 39.5839, 28.9041

Square

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



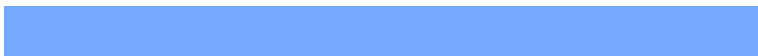
54.7959, 39.5839, 37.1001



35.4654, 39.5839, 12.7432



24.4753, 39.5839, 49.7145



39.8670, 39.5839, 102.2724

Rectangle

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



54.7959, 39.5839, 37.1001



46.2055, 39.5839, 15.6197



24.4753, 39.5839, 49.7145



30.1756, 39.5839, 91.8875

Sweetspot

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



54.7970, 39.5859, 37.1008



80.5425, 77.6368, 83.5577



56.7535, 39.2594, 97.5151



16.8115, 15.9619, 17.1247



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.



54.7970, 39.5859, 37.1008



51.2289, 33.6846, 28.5454



57.7983, 48.9077, 27.8692



18.1739, 18.0529, 19.5329



21.9724, 11.2783, 3.2393



2.1781, 1.1136, 0.5194

Inverse Universe

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



54.7970, 39.5859, 37.1008



51.2289, 33.6846, 28.5454



52.8073, 63.3505, 102.3732



18.1739, 18.0529, 19.5329



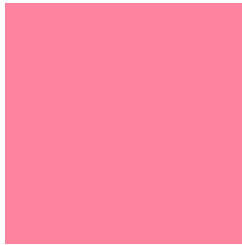
21.9724, 11.2783, 3.2393



2.1781, 1.1136, 0.5194

Previews

White Background



This preview shows how the XYZ color 54.7959, 39.5839, 37.1001 looks on a white background.

Color Contrast Check

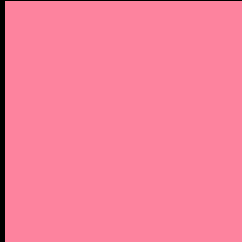
Large Text (above 18pt) WCAG AA × Fail

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 54.7959, 39.5839, 37.1001 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 54.7959, 39.5839, 37.1001

Background



This preview shows how black text looks on a background with the XYZ color 54.7959, 39.5839, 37.1001.



This preview shows how white text looks on a background with the XYZ color 54.7959, 39.5839,

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

54.7959, 39.5839, 37.1001

Protanopia

38.5015, 39.6950, 48.2805

Deuteranopia

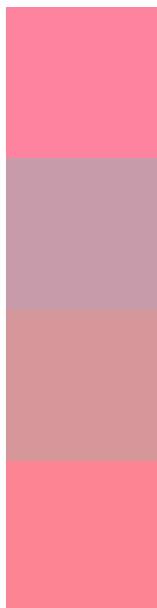
40.5852, 39.7008, 35.6609



Tritanopia

53.6279, 39.7288, 30.8285

Trichromacy



Original Color

54.7959, 39.5839, 37.1001

Protanomaly

42.8914, 38.6623, 43.7300

Deuteranomaly

44.7146, 38.7959, 36.1420

Tritanomaly

53.8777, 39.6086, 32.8225

Monochromacy



Original Color

54.7959, 39.5839, 37.1001

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.8588, 38.9476, 41.3351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7959, 39.5839, 37.1001 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(253, 131, 158)` looks like.

```
.text, #text, p{  
    color:rgb(253, 131, 158)  
}
```

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(253, 131, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 131, 158) }
```

Border

The CSS property to change the border of an element to XYZ 54.7959, 39.5839, 37.1001 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(253, 131, 158) }
```


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

```
.border{ border-color:rgb(253, 131, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 131, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 131, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 131, 158);  
box-shadow:4px 4px 4px 4px rgb(253, 131,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7959, 39.5839, 37.1001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 131, 158) }
```

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

```
.background{ background-color: rgb(253,  
131, 158) }
```

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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