

Converting Colors

XYZ(54.7211, 37.8920, 59.0734)

Have a look what the booklet for
XYZ(54.7211, 37.8920, 59.0734)
contains.

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Color

**XYZ(54.7211, 37.8920,
59.0734)**

Conversions

Conversions Part 1

Format	Color
Hex	F37DC8
RGB	243, 125, 200
RGB Percent	95%, 49%, 78%
CMY	0.0471, 0.5098, 0.2157
CMYK	0.00, 0.49, 0.18, 0.05
HSL	322°, 83%, 72%
HSV	322°, 49%, 95%
XYZ	54.7211, 37.8920, 59.0734
YIQ	168.8320, 46.2530, 48.3410

Conversions

Conversions Part 2

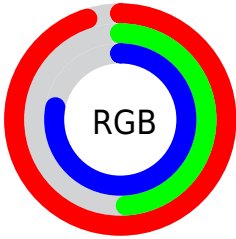
Format	Color
RYB	243, 125, 200
Decimal	15957448
CIELab	67.94, 54.14, -18.39
CIELCh	68, 57.176, 341.234
Yxy	37.8920, 0.3608, 0.2498
Android (android.graphics.Color)	4294147528 (0xFFFF37DC8)
YUV	168.8320, 15.3658, 65.0453
Hunter-Lab	61.5565, 50.9551, -13.8088

Details

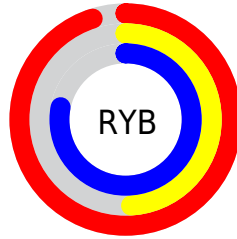
The XYZ color **54.7211, 37.8920, 59.0734** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **47.5777, 71.2895, 48.3015**, and the grayscale version is **37.5407, 39.4958, 43.0109**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **27.1456, 16.6460, 28.9764** is the 20% darker color. If you saturate the color by 10%, you get **51.0076, 32.0732, 52.8765**, and if you desaturate by 10%, it is **59.2492, 45.2431, 65.8384**.

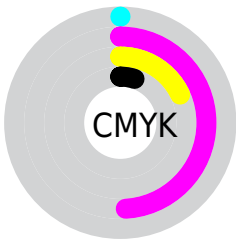
Distribution



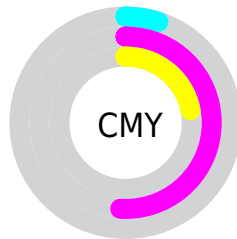
- Red (95%)
- Green (49%)
- Blue (78%)



- Red (95%)
- Yellow (49%)
- Blue (78%)



- Cyan (0%)
- Magenta (49%)
- Yellow (18%)
- Black (5%)





- Cyan (5%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7211, 37.8920, 59.0734 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 54.7211, 37.8920, 59.0734 by changing the saturation by 10% instead.


 54.7211, 37.8920,
59.0734


 54.7211, 37.8920,
59.0734


395.0075,
337.1565, 438.8833

 39.4114, 25.8989,
42.2518


 96.2829, 71.9426,
105.0145

 27.2621, 16.7480,
28.9715


 123.2658, 94.7688,
134.9711

 17.9078, 10.0550,
18.8138


 154.8704,
121.9749, 170.1431

 10.9831, 5.4354,
11.3604

191.4621,
153.9452, 210.9491

 6.1227, 2.5049,
6.1926

233.4064,
191.0641, 257.8075

 2.9612, 0.8791,
2.8919

281.0684,

 1.1333, 0.0000,

233.7160, 311.1370

1.0397

334.8137,
282.2853, 371.3561

■ 0.0527, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7211, 37.8920,
59.0734

■ 54.7211, 37.8920,
59.0734

■ 51.0076, 32.0732,
52.8765

■ 59.2492, 45.2431,
65.8384

■ 48.0484, 27.6692,
47.2214

■ 64.6398, 54.2220,
73.1912

■ 45.7801, 24.5543,
42.0824

■ 70.9406, 64.9225,
81.1527

■ 44.1263, 22.5775,
37.4288

■ 78.1952, 77.4298,
89.7421

■ 42.9778, 21.5219,
33.2187

■ 86.4440, 91.8236,
98.9774

■ 42.8324, 21.4028,
32.6404

■ 90.4734, 97.6752,
107.1252

■ 90.7724, 97.7948,
108.6998

Harmonies

Analogous

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



48.4821, 37.8920, 90.0387



54.7211, 37.8920, 59.0734



55.4920, 37.8920, 32.4464

Triad

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



54.7211, 37.8920, 59.0734



32.7904, 37.8920, 9.4805



24.6405, 37.8920, 82.6099

Complementary

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



54.7211, 37.8920, 59.0734



47.5777, 71.2895, 48.3015

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.



21.7299, 37.8920, 51.5358



54.7211, 37.8920, 59.0734



25.8927, 37.8920, 14.3280

Square

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



54.7211, 37.8920, 59.0734



41.7921, 37.8920, 10.1181



22.1471, 37.8920, 27.4413



30.7968, 37.8920, 107.0355

Rectangle

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



54.7211, 37.8920, 59.0734



52.6761, 37.8920, 20.7420



22.1471, 37.8920, 27.4413



23.2997, 37.8920, 72.1621

Sweetspot

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



54.7223, 37.8938, 59.0741



81.8747, 77.1114, 93.8354



39.3020, 29.2799, 88.3748



17.1709, 15.8974, 19.6593



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.



54.7223, 37.8938, 59.0741



57.0627, 36.0181, 59.2658



49.2325, 35.6979, 30.1653



16.9424, 16.6598, 19.4434



23.5748, 11.7734, 18.2670



2.1212, 1.0545, 1.8648

Inverse Universe

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



54.7223, 37.8938, 59.0741



57.0627, 36.0181, 59.2658



54.1410, 73.9148, 82.8636



16.9424, 16.6598, 19.4434



23.5748, 11.7734, 18.2670



2.1212, 1.0545, 1.8648

Previews

White Background



This preview shows how the XYZ color 54.7211, 37.8920, 59.0734 looks on a white background.

Color Contrast Check

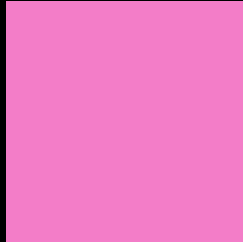
Large Text (above 18pt) WCAG AA × Fail

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 54.7211, 37.8920, 59.0734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

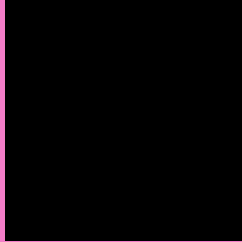
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7211, 37.8920, 59.0734

Background



This preview shows how black text looks on a background with the XYZ color 54.7211, 37.8920, 59.0734.



This preview shows how white text looks on a background with the XYZ color 54.7211, 37.8920,

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

54.7211, 37.8920, 59.0734

Protanopia

39.3117, 38.3554, 78.7302

Deuteranopia

39.0201, 38.1707, 56.3500



Tritanopia

48.9175, 37.6882, 31.8904

Trichromacy



Original Color

54.7211, 37.8920, 59.0734



Protanomaly

42.8526, 36.8197, 71.1780



Deuteranomaly

43.4762, 37.2162, 57.1165



Tritanomaly

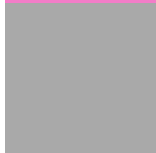
50.7308, 37.6064, 40.6614

Monochromacy



Original Color

54.7211, 37.8920, 59.0734



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.3944, 37.8135, 48.2443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7211, 37.8920, 59.0734 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, 125, 200)` looks like.

```
.text, #text, p{  
    color:rgb(243, 125, 200)  
}
```

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, 125, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 125, 200) }
```

Border

The CSS property to change the border of an element to XYZ 54.7211, 37.8920, 59.0734 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, 125, 200) }
```


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

```
.border{ border-color:rgb(243, 125, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 125, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 125, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 125, 200);  
box-shadow:4px 4px 4px 4px rgb(243, 125,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7211, 37.8920, 59.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 125, 200) }
```

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

```
.background{ background-color: rgb(243,  
125, 200) }
```

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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