

Converting Colors

XYZ(54.5104, 37.5080, 38.0850)

Have a look what the booklet for
XYZ(54.5104, 37.5080, 38.0850)
contains.

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Color

**XYZ(54.5104, 37.5080,
38.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	FF79A1
RGB	255, 121, 161
RGB Percent	100%, 47%, 63%
CMY	0.0000, 0.5255, 0.3686
CMYK	0.00, 0.53, 0.37, 0.00
HSL	342°, 100%, 74%
HSV	342°, 53%, 100%
XYZ	54.5104, 37.5080, 38.0850
YIQ	165.6260, 67.0240, 40.8480

Conversions

Conversions Part 2

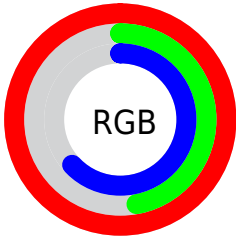
Format	Color
RYB	255, 121, 161
Decimal	16742817
CIELab	67.66, 54.83, 3.32
CIELCh	68, 54.929, 3.464
Yxy	37.5080, 0.4190, 0.2883
Android (android.graphics.Color)	4294932897 (0xFFFF79A1)
YUV	165.6260, -2.2806, 78.3810
Hunter-Lab	61.2438, 51.6984, 6.0006

Details

The XYZ color **54.5104, 37.5080, 38.0850** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.9129, 80.4921, 76.8844**, and the grayscale version is **36.0544, 37.9320, 41.3080**.

A 20% lighter version of the original color is **69.3568, 57.6621, 72.4402**, and **27.2684, 16.6243, 16.5235** is the 20% darker color. If you saturate the color by 10%, you get **50.3445, 31.5228, 29.4621**, and if you desaturate by 10%, it is **59.7229, 45.2250, 48.1710**.

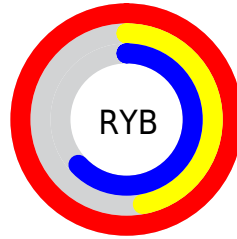
Distribution



Red (100%)

Green (47%)

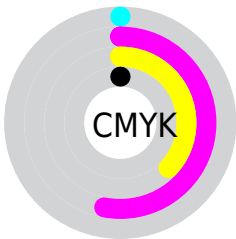
Blue (63%)



Red (100%)

Yellow (47%)

Blue (63%)

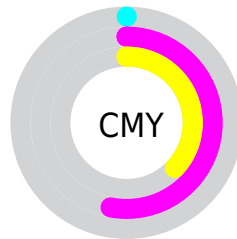


Cyan (0%)

Magenta (53%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5104, 37.5080, 38.0850 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 54.5104, 37.5080, 38.0850 by changing the saturation by 10% instead.


 54.5104, 37.5080,
38.0850


 54.5104, 37.5080,
38.0850

394.2200,
335.5047, 353.2936

 39.2422, 25.6011,
25.7463


 95.9758, 71.3534,
73.4433

 27.1297, 16.5254,
16.4099


 122.9036, 94.0607,
97.2999

 17.8078, 9.8967,
9.6572


 154.4486,
121.1368, 125.8330

 10.9109, 5.3305,
5.0696

190.9763,
152.9662, 159.4611

 6.0738, 2.4425,
2.2287

232.8519,
189.9333, 198.6026

 2.9311, 0.8476,
0.6909

280.4408,

 1.1174, 0.0000,

232.4225, 243.6762

0.0000

334.1084,
280.8182, 295.1003

■ 0.0396, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5104, 37.5080,
38.0850

■ 54.5104, 37.5080,
38.0850

■ 50.3445, 31.5228,
29.4621

■ 59.7229, 45.2250,
48.1710

■ 47.1466, 27.1277,
22.2281

■ 66.0467, 54.7892,
59.7849

■ 44.8311, 24.1680,
16.3043

■ 73.5449, 66.3128,
72.9898

■ 43.2949, 22.4548,
11.6018

■ 82.2745, 79.8975,
87.8446

■ 42.5483, 21.7833,
8.8197

■ 92.2891, 95.6377,
104.4051

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.3025, 37.5080, 65.4328



54.5104, 37.5080, 38.0850



51.0418, 37.5080, 20.1361

Triad

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



54.5104, 37.5080, 38.0850



27.4001, 37.5080, 12.9722



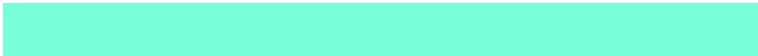
28.8558, 37.5080, 98.4209

Complementary

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



54.5104, 37.5080, 38.0850



55.9129, 80.4921, 76.8844

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.



23.7130, 37.5080, 72.3491



54.5104, 37.5080, 38.0850



22.9708, 37.5080, 23.3400

Square

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



54.5104, 37.5080, 38.0850



34.6749, 37.5080, 9.7271



21.7355, 37.5080, 43.7244



36.6437, 37.5080, 107.3608

Rectangle

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



54.5104, 37.5080, 38.0850



46.2554, 37.5080, 13.6516



21.7355, 37.5080, 43.7244



26.8042, 37.5080, 90.9708

Sweetspot

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



54.5114, 37.5099, 38.0857



79.1166, 74.9662, 82.5235



52.8547, 35.3139, 98.6382



16.5468, 15.4426, 17.0052



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.



54.5114, 37.5099, 38.0857



50.1789, 31.2898, 29.1041



55.2512, 43.7598, 23.6262



18.2325, 18.0763, 19.8413



22.2894, 11.4050, 4.9083



2.2159, 1.1287, 0.7184

Inverse Universe

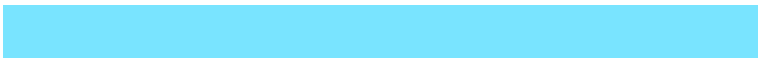
The Inverse Universe completely reimagines the original color for something new.



54.5114, 37.5099, 38.0857



50.1789, 31.2898, 29.1041



53.7352, 66.8833, 104.6853



18.2325, 18.0763, 19.8413



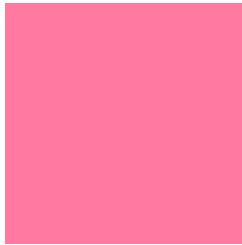
22.2894, 11.4050, 4.9083



2.2159, 1.1287, 0.7184

Previews

White Background



This preview shows how the XYZ color 54.5104, 37.5080, 38.0850 looks on a white background.

Color Contrast Check

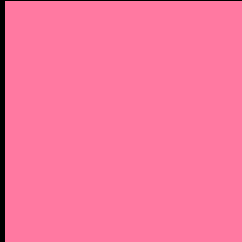
Large Text (above 18pt) WCAG AA × Fail

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 54.5104, 37.5080, 38.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

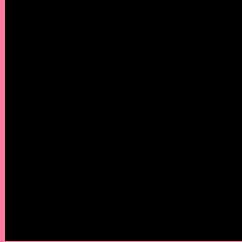
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5104, 37.5080, 38.0850

Background



This preview shows how black text looks on a background with the XYZ color 54.5104, 37.5080, 38.0850.



This preview shows how white text looks on a background with the XYZ color 54.5104, 37.5080,

38.0850.

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

54.5104, 37.5080, 38.0850

Protanopia

37.0387, 37.7775, 51.7940

Deuteranopia

38.3221, 37.4771, 36.2244



Tritanopia

52.3420, 37.5536, 27.4115

Trichromacy



Original Color

54.5104, 37.5080, 38.0850



Protanomaly

41.2907, 36.0899, 46.3848



Deuteranomaly

42.7895, 36.3868, 36.6664



Tritanomaly

53.1147, 37.4998, 30.8243

Monochromacy



Original Color

54.5104, 37.5080, 38.0850



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

40.8959, 36.4988, 40.0115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5104, 37.5080, 38.0850 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(255, 121, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 161)  
}
```

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(255, 121, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 161) }
```

Border

The CSS property to change the border of an element to XYZ 54.5104, 37.5080, 38.0850 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(255, 121, 161) }
```


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

```
.border{ border-color:rgb(255, 121, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5104, 37.5080, 38.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 161) }
```

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

```
.background{ background-color: rgb(255,  
121, 161) }
```

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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