

Converting Colors

XYZ(54.5686, 37.2385, 39.2939)

Have a look what the booklet for
XYZ(54.5686, 37.2385, 39.2939)
contains.

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Color

**XYZ(54.5377, 37.1340,
39.4151)**

Conversions

Conversions Part 1

Format	Color
Hex	FF77A4
RGB	255, 119, 164
RGB Percent	100%, 47%, 64%
CMY	0.0000, 0.5333, 0.3569
CMYK	0.00, 0.53, 0.36, 0.00
HSL	340°, 100%, 73%
HSV	340°, 53%, 100%
XYZ	54.5377, 37.1340, 39.4151
YIQ	164.7940, 66.6110, 42.8270

Conversions

Conversions Part 2

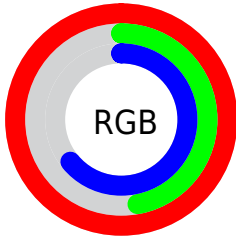
Format	Color
R _Y B	255, 119, 164
Decimal	16742308
CIE Lab	67.38, 56.10, 1.22
CIE LCh	67, 56.113, 1.242
Yxy	37.1340, 0.4160, 0.2833
Android (android.graphics.Color)	4294932388 (0xFFFF77A4)
YUV	164.7940, -0.3914, 79.1107
Hunter-Lab	60.9377, 53.1121, 4.3070

Details

The XYZ color **54.5377, 37.1340, 39.4151** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.0026, 80.0960, 73.5385**, and the grayscale version is **35.6462, 37.5026, 40.8403**.

A 20% lighter version of the original color is **69.3562, 57.0344, 74.3711**, and **27.2078, 16.3270, 17.0466** is the 20% darker color. If you saturate the color by 10%, you get **50.4606, 31.2828, 30.9567**, and if you desaturate by 10%, it is **59.6374, 44.6995, 49.2352**.

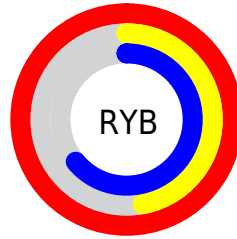
Distribution



Red (100%)

Green (47%)

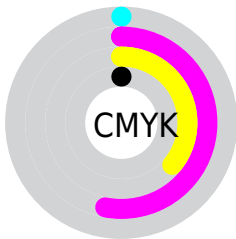
Blue (64%)



Red (100%)

Yellow (47%)

Blue (64%)

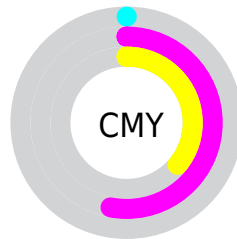


Cyan (0%)

Magenta (53%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5377, 37.1340, 39.4151 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 54.5377, 37.1340, 39.4151 by changing the saturation by 10% instead.


 54.5377, 37.1340,
39.4151


 54.5377, 37.1340,
39.4151


394.3221,
333.8903, 359.1306

 39.2641, 25.3113,
26.7725


 96.0156, 70.7788,
75.4993

 27.1469, 16.3091,
17.1715


 122.9505, 93.3697,
99.7780

 17.8207, 9.7431,
10.1936


 154.5033,
120.3188, 128.7725

 10.9203, 5.2290,
5.4202

191.0393,
152.0104, 162.9013

 6.0801, 2.3822,
2.4329

232.9238,
188.8289, 202.5830

 2.9350, 0.8167,
0.8043

280.5222,

 1.1195, 0.0000,

231.1588, 248.2361

0.0000

334.1998,
279.3845, 300.2791

■ 0.0413, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5377, 37.1340,
39.4151

■ 54.5377, 37.1340,
39.4151

■ 50.4606, 31.2828,
30.9567

■ 59.6374, 44.6995,
49.2352

■ 47.3284, 27.0035,
23.7925

■ 65.8240, 54.0955,
60.4754

■ 45.0561, 24.1402,
17.8518

■ 73.1594, 65.4343,
73.1928

■ 43.5403, 22.5010,
13.0538

■ 81.7001, 78.8177,
87.4406

■ 42.8546, 21.9059,
10.4326

■ 91.4989, 94.3403,
103.2693

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.



51.8624, 37.1340, 67.7580



54.5377, 37.1340, 39.4151



51.4007, 37.1340, 20.5117

Triad

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



54.5377, 37.1340, 39.4151



27.3958, 37.1340, 11.9583



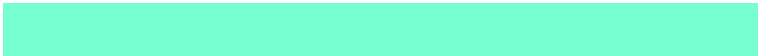
27.9233, 37.1340, 97.7644

Complementary

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



54.5377, 37.1340, 39.4151



55.0026, 80.0960, 73.5385

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.



22.9627, 37.1340, 70.2967



54.5377, 37.1340, 39.4151



22.6947, 37.1340, 21.6632

Square

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



54.5377, 37.1340, 39.4151



34.9377, 37.1340, 9.1661



21.2120, 37.1340, 41.4675



35.6543, 37.1340, 108.6454

Rectangle

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



54.5377, 37.1340, 39.4151



46.6893, 37.1340, 13.6092



21.2120, 37.1340, 41.4675



25.9236, 37.1340, 89.7329

Sweetspot

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



54.5387, 37.1359, 39.4158



79.2990, 75.0391, 83.4842



51.1320, 34.0687, 98.4887



16.5899, 15.4599, 17.2324



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.



54.5387, 37.1359, 39.4158



50.2222, 30.9486, 30.4371



54.1947, 41.8410, 22.6750



18.2572, 18.0862, 19.9715



22.4537, 11.4708, 5.7737



2.2343, 1.1361, 0.8155

Inverse Universe

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



54.5387, 37.1359, 39.4158



50.2222, 30.9486, 30.4371



54.6097, 69.0443, 105.0564



18.2572, 18.0862, 19.9715



22.4537, 11.4708, 5.7737



2.2343, 1.1361, 0.8155

Previews

White Background



This preview shows how the XYZ color 54.5377, 37.1340, 39.4151 looks on a white background.

Color Contrast Check

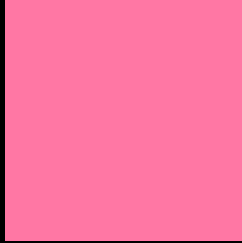
Large Text (above 18pt) WCAG AA × Fail

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 54.5377, 37.1340, 39.4151 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 54.5377, 37.1340, 39.4151

Background



This preview shows how black text looks on a background with the XYZ color 54.5377, 37.1340, 39.4151.



This preview shows how white text looks on a background with the XYZ color 54.5377, 37.1340,

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

54.5377, 37.1340, 39.4151

Protanopia

36.7992, 37.3269, 54.5555

Deuteranopia

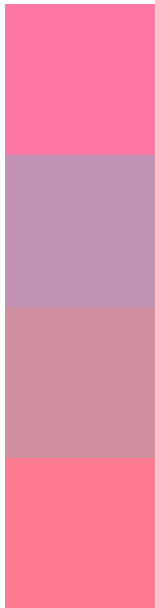
38.0981, 37.3322, 37.5456



Tritanopia

52.1447, 37.2711, 27.0000

Trichromacy



Original Color

54.5377, 37.1340, 39.4151

Protanomaly

41.0223, 35.6730, 48.4395

Deuteranomaly

42.6129, 36.0399, 37.9682

Tritanomaly

53.0668, 37.2811, 31.1871

Monochromacy



Original Color

54.5377, 37.1340, 39.4151

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

40.6701, 35.9022, 40.3836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5377, 37.1340, 39.4151 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, 119, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 164)  
}
```

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, 119, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 164) }
```

Border

The CSS property to change the border of an element to XYZ 54.5377, 37.1340, 39.4151 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, 119, 164) }
```


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

```
.border{ border-color:rgb(255, 119, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5377, 37.1340, 39.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 164) }
```

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

```
.background{ background-color: rgb(255,  
119, 164) }
```

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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