

Converting Colors

XYZ(94.3488, 57.4246, 44.3692)

Have a look what the booklet for
XYZ(94.3488, 57.4246, 44.3692)
contains.

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Color

**XYZ(54.9741, 37.1191,
42.2975)**

Conversions

Conversions Part 1

Format	Color
Hex	FF76AA
RGB	255, 118, 170
RGB Percent	100%, 46%, 67%
CMY	0.0000, 0.5372, 0.3333
CMYK	0.00, 0.54, 0.33, 0.00
HSL	337°, 100%, 73%
HSV	337°, 54%, 100%
XYZ	54.9741, 37.1191, 42.2975
YIQ	164.8910, 64.9600, 45.2160

Conversions

Conversions Part 2

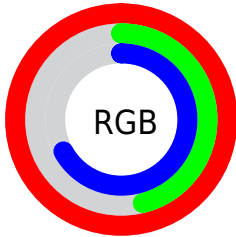
Format	Color
R_{YB}	255, 118, 170
Decimal	16742058
CIE _{Lab}	67.37, 57.25, -2.20
CIE _{LCh}	67, 57.296, 357.803
Yxy	37.1191, 0.4091, 0.2762
Android (android.graphics.Color)	4294932138 (0xFFFF76AA)
YUV	164.8910, 2.5187, 79.0256
Hunter-Lab	60.9254, 54.4442, 1.4857

Details

The XYZ color **54.9741, 37.1191, 42.2975** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.0126, 79.6842, 69.0380**, and the grayscale version is **35.6797, 37.5378, 40.8787**.

A 20% lighter version of the original color is **69.9667, 56.9683, 78.5425**, and **27.4983, 16.3554, 18.8471** is the 20% darker color. If you saturate the color by 10%, you get **50.9589, 31.3416, 34.0138**, and if you desaturate by 10%, it is **59.9829, 44.5953, 51.8019**.

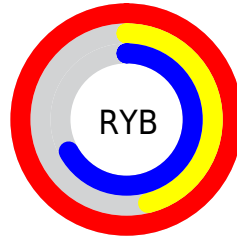
Distribution



Red (100%)

Green (46%)

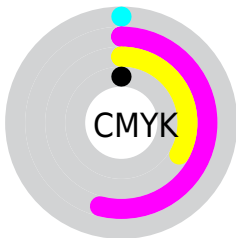
Blue (67%)



Red (100%)

Yellow (46%)

Blue (67%)

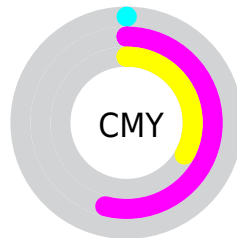


Cyan (0%)

Magenta (54%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9741, 37.1191, 42.2975 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 54.9741, 37.1191, 42.2975 by changing the saturation by 10% instead.


 54.9741, 37.1191,
42.2975

 54.9741, 37.1191,
42.2975

395.9518,
333.8259, 371.5507


 39.6147, 25.2997,
29.0070


 96.6515, 70.7559,
79.9246

 27.4212, 16.3005,
18.8405


 123.7004, 93.3422,
105.0983

 18.0280, 9.7370,
11.3794


 155.3764,
120.2861, 135.0702

 11.0699, 5.2250,
6.2053

192.0449,
151.9722, 170.2588

 6.1815, 2.3799,
2.8995

234.0714,
188.7849, 211.0825

 2.9975, 0.8155,
1.0436

281.8211,

 1.1524, 0.0000,

231.1084, 257.9601

0.0000

335.6594,
279.3273, 311.3100

■ 0.0683, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9741, 37.1191,
42.2975

■ 54.9741, 37.1191,
42.2975

■ 50.9589, 31.3416,
34.0138

■ 59.9829, 44.5953,
51.8019

■ 47.8610, 27.1206,
26.8927


■ 66.0480, 53.8862,
62.5767


■ 45.5967, 24.2997,
20.8738

■ 73.2301, 65.1040,
74.6709

■ 44.0642, 22.6863,
15.8874

■ 81.5844, 78.3501,
88.1301

 43.3875, 22.1190,
13.2384

 91.1623, 93.7189,
102.9976

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.



51.5753, 37.1191, 72.0263



54.9741, 37.1191, 42.2975



52.4130, 37.1191, 21.8042

Triad

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



54.9741, 37.1191, 42.2975



27.9798, 37.1191, 10.9666



27.0308, 37.1191, 96.6641

Complementary

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



54.9741, 37.1191, 42.2975



54.0126, 79.6842, 69.0380

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.



22.3591, 37.1191, 67.4118



54.9741, 37.1191, 42.2975



22.8398, 37.1191, 19.7461

Square

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



54.9741, 37.1191, 42.2975



35.9314, 37.1191, 8.8032



20.9610, 37.1191, 38.5919



34.6376, 37.1191, 110.5055

Rectangle

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



54.9741, 37.1191, 42.2975



47.8734, 37.1191, 14.1430



20.9610, 37.1191, 38.5919



25.1158, 37.1191, 87.8382

Sweetspot

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



54.9751, 37.1210, 42.2982



79.5759, 75.1499, 84.9424



49.0183, 32.8032, 98.3558



16.6555, 15.4861, 17.5778



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.



54.9751, 37.1210, 42.2982



50.8609, 31.2041, 33.8007



53.0342, 39.6156, 21.9933



18.2946, 18.1011, 20.1685



22.7377, 11.5844, 7.2692



2.2650, 1.1484, 0.9771

Inverse Universe

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



54.9751, 37.1210, 42.2982



50.8609, 31.2041, 33.8007



56.3939, 72.8154, 105.6902



18.2946, 18.1011, 20.1685



22.7377, 11.5844, 7.2692



2.2650, 1.1484, 0.9771

Previews

White Background



This preview shows how the XYZ color 54.9741, 37.1191, 42.2975 looks on a white background.

Color Contrast Check

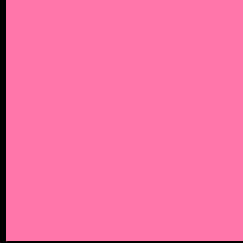
Large Text (above 18pt) WCAG AA × Fail

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 54.9741, 37.1191, 42.2975 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 54.9741, 37.1191, 42.2975

Background



This preview shows how black text looks on a background with the XYZ color 54.9741, 37.1191, 42.2975.



This preview shows how white text looks on a background with the XYZ color 54.9741, 37.1191,

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

54.9741, 37.1191, 42.2975

Protanopia

37.1949, 37.4397, 58.6923

Deuteranopia

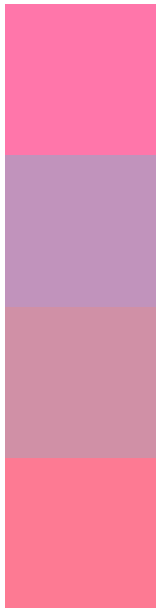
38.0651, 37.2644, 39.8368



Tritanopia

51.7816, 37.0839, 26.9830

Trichromacy



Original Color

54.9741, 37.1191, 42.2975

Protanomaly

41.5031, 35.8357, 52.3065

Deuteranomaly

42.8686, 36.1096, 40.7868

Tritanomaly

52.7340, 36.9083, 31.9484

Monochromacy



Original Color

54.9741, 37.1191, 42.2975

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

40.8537, 35.9756, 41.3500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9741, 37.1191, 42.2975 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, 118, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 170)  
}
```

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, 118, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 170) }
```

Border

The CSS property to change the border of an element to XYZ 54.9741, 37.1191, 42.2975 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, 118, 170) }
```


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

```
.border{ border-color:rgb(255, 118, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9741, 37.1191, 42.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 170) }
```

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

```
.background{ background-color: rgb(255,  
118, 170) }
```

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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