

Converting Colors

XYZ(86.0998, 53.4283, 45.4710)

Have a look what the booklet for
XYZ(86.0998, 53.4283, 45.4710)
contains.

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Color

**XYZ(55.4993, 37.7101,
43.8888)**

Conversions

Conversions Part 1

Format	Color
Hex	FF78AD
RGB	255, 120, 173
RGB Percent	100%, 47%, 68%
CMY	0.0000, 0.5294, 0.3216
CMYK	0.00, 0.53, 0.32, 0.00
HSL	336°, 100%, 74%
HSV	336°, 53%, 100%
XYZ	55.4993, 37.7101, 43.8888
YIQ	166.4070, 63.4470, 45.1030

Conversions

Conversions Part 2

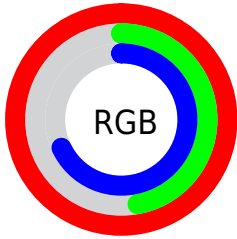
Format	Color
R_{YB}	255, 120, 173
Decimal	16742573
CIE _{Lab}	67.81, 56.68, -3.24
CIE _{LCh}	68, 56.772, 356.723
Yxy	37.7101, 0.4048, 0.2751
Android (android.graphics.Color)	4294932653 (0xFFFF78AD)
YUV	166.4070, 3.2503, 77.6961
Hunter-Lab	61.4085, 53.8583, 0.6113

Details

The XYZ color **55.4993, 37.7101, 43.8888** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.1683, 79.7782, 68.4253**, and the grayscale version is **36.4070, 38.3030, 41.7119**.

A 20% lighter version of the original color is **70.7689, 57.9121, 80.8470**, and **27.7903, 16.6494, 19.8381** is the 20% darker color. If you saturate the color by 10%, you get **51.4176, 31.8078, 35.5571**, and if you desaturate by 10%, it is **60.5733, 45.3184, 53.4094**.

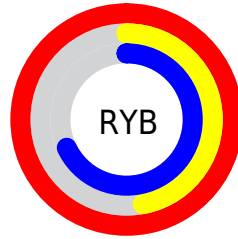
Distribution



Red (100%)

Green (47%)

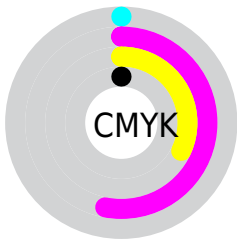
Blue (68%)



Red (100%)

Yellow (47%)

Blue (68%)

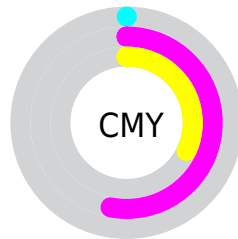


Cyan (0%)

Magenta (53%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4993, 37.7101, 43.8888 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 55.4993, 37.7101, 43.8888 by changing the saturation by 10% instead.

 55.4993, 37.7101,
43.8888


 55.4993, 37.7101,
43.8888


397.9075,
336.3747, 378.2824


 40.0370, 25.7578,
30.2465

 97.4162, 71.6636,
82.3511

 27.7518, 16.6425,
19.7722


 124.6015, 94.4335,
108.0082

 18.2781, 9.9799,
12.0471


 156.4253,
121.5781, 138.5073

 11.2507, 5.3857,
6.6528

193.2528,
153.4818, 174.2670

 6.3043, 2.4753,
3.1708

235.4494,
190.5288, 215.7058

 3.0734, 0.8642,
1.1825

283.3805,

 1.1927, 0.0000,

233.1038, 263.2423

0.0000

337.4114,
281.5909, 317.2950

■ 0.1006, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4993, 37.7101,
43.8888

■ 55.4993, 37.7101,
43.8888

■ 51.4176, 31.8078,
35.5571

■ 60.5733, 45.3184,
53.4094

■ 48.2527, 27.4708,
28.3588

■ 66.7011, 54.7475,
64.1660

■ 45.9228, 24.5450,
22.2363

■ 73.9428, 66.1086,
76.2055

■ 44.3280, 22.8415,
17.1236

■ 82.3529, 79.5025,
89.5715

■ 43.5453, 22.1821,
14.0694

■ 91.9821, 95.0229,
104.3053

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.



51.9080, 37.7101, 73.7508



55.4993, 37.7101, 43.8888



53.1542, 37.7101, 22.9152

Triad

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



55.4993, 37.7101, 43.8888



28.7676, 37.7101, 11.2275



27.3467, 37.7101, 96.2676

Complementary

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



55.4993, 37.7101, 43.8888



54.1683, 79.7782, 68.4253

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.



22.7680, 37.7101, 66.8950



55.4993, 37.7101, 43.8888



23.4893, 37.7101, 19.8183

Square

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



55.4993, 37.7101, 43.8888



36.8169, 37.7101, 9.2167



21.4797, 37.7101, 38.3552



34.8850, 37.7101, 110.8097

Rectangle

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



55.4993, 37.7101, 43.8888



48.7199, 37.7101, 14.9423



21.4797, 37.7101, 38.3552



25.4610, 37.7101, 87.3360

Sweetspot

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



55.5003, 37.7120, 43.8895



79.6506, 75.1798, 85.3356



48.8557, 33.0728, 98.4164



16.6732, 15.4932, 17.6711



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.



55.5003, 37.7120, 43.8895



51.0393, 31.2755, 34.7398



53.0878, 39.5305, 22.6039



18.3046, 18.1052, 20.2214



22.8214, 11.6179, 7.7102



2.2739, 1.1519, 1.0237

Inverse Universe

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



55.5003, 37.7120, 43.8895



51.0393, 31.2755, 34.7398



57.4006, 74.4211, 105.9471



18.3046, 18.1052, 20.2214



22.8214, 11.6179, 7.7102



2.2739, 1.1519, 1.0237

Previews

White Background



This preview shows how the XYZ color 55.4993, 37.7101, 43.8888 looks on a white background.

Color Contrast Check

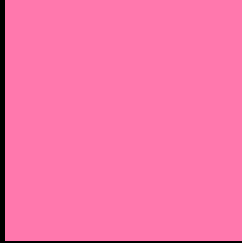
Large Text (above 18pt) WCAG AA × Fail

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 55.4993, 37.7101, 43.8888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

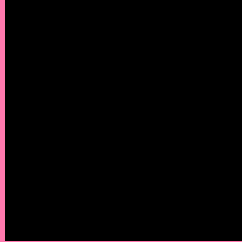
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4993, 37.7101, 43.8888

Background



This preview shows how black text looks on a background with the XYZ color 55.4993, 37.7101, 43.8888.



This preview shows how white text looks on a background with the XYZ color 55.4993, 37.7101,

43.8888.

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

55.4993, 37.7101, 43.8888

Protanopia

37.9186, 38.0371, 60.6017

Deuteranopia

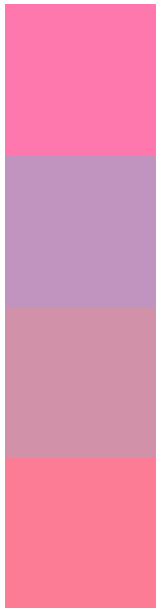
38.5098, 37.7185, 41.3271



Tritanopia

52.1782, 37.6518, 27.8100

Trichromacy



Original Color

55.4993, 37.7101, 43.8888

Protanomaly

41.9862, 36.2789, 54.0798

Deuteranomaly

43.2993, 36.5253, 42.3041

Tritanomaly

53.1405, 37.4679, 32.8650

Monochromacy



Original Color

55.4993, 37.7101, 43.8888

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

41.1976, 36.3652, 42.3840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4993, 37.7101, 43.8888 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, 120, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 173)  
}
```

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, 120, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 173) }
```

Border

The CSS property to change the border of an element to XYZ 55.4993, 37.7101, 43.8888 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, 120, 173) }
```


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

```
.border{ border-color:rgb(255, 120, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4993, 37.7101, 43.8888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 173) }
```

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

```
.background{ background-color: rgb(255,  
120, 173) }
```

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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