

Converting Colors

XYZ(55.2367, 37.7200, 42.9922)

Have a look what the booklet for
XYZ(55.2367, 37.7200, 42.9922)
contains.

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Color

**XYZ(55.4281, 37.8750,
42.9173)**

Conversions

Conversions Part 1

Format	Color
Hex	FF79AB
RGB	255, 121, 171
RGB Percent	100%, 47%, 67%
CMY	0.0000, 0.5255, 0.3294
CMYK	0.00, 0.53, 0.33, 0.00
HSL	338°, 100%, 74%
HSV	338°, 53%, 100%
XYZ	55.4281, 37.8750, 42.9173
YIQ	166.7660, 63.8140, 43.9580

Conversions

Conversions Part 2

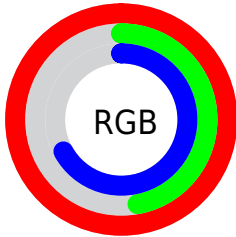
Format	Color
R_{YB}	255, 121, 171
Decimal	16742827
CIE _{Lab}	67.93, 55.97, -1.94
CIE _{LCh}	68, 56.008, 358.019
Yxy	37.8750, 0.4069, 0.2780
Android (android.graphics.Color)	4294932907 (0xFFFF79AB)
YUV	166.7660, 2.0874, 77.3812
Hunter-Lab	61.5427, 53.0655, 1.7335

Details

The XYZ color **55.4281, 37.8750, 42.9173** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.6665, 79.9936, 70.3209**, and the grayscale version is **36.5864, 38.4917, 41.9175**.

A 20% lighter version of the original color is **70.6896, 58.1953, 79.4586**, and **27.7257, 16.7146, 19.2177** is the 20% darker color. If you saturate the color by 10%, you get **51.2957, 31.9032, 34.4713**, and if you desaturate by 10%, it is **60.5655, 45.5619, 52.6084**.

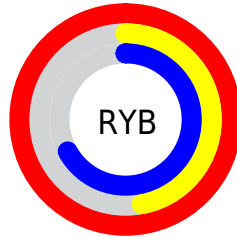
Distribution



Red (100%)

Green (47%)

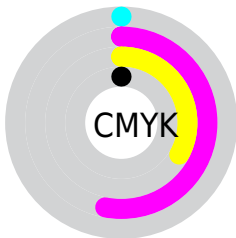
Blue (67%)



Red (100%)

Yellow (47%)

Blue (67%)

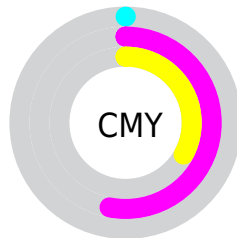


Cyan (0%)

Magenta (53%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4281, 37.8750, 42.9173 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 55.4281, 37.8750, 42.9173 by changing the saturation by 10% instead.


 55.4281, 37.8750,
42.9173


 55.4281, 37.8750,
42.9173


397.6427,
337.0835, 374.1828


 39.9798, 25.8857,
29.4893

 97.3126, 71.9165,
80.8711

 27.7069, 16.7381,
19.2025


 124.4794, 94.7375,
106.2339

 18.2442, 10.0480,
11.6384


 156.2832,
121.9378, 136.4122

 11.2262, 5.4308,
6.3784

193.0892,
153.9019, 171.8243

 6.2876, 2.5022,
3.0040

235.2628,
191.0141, 212.8889

 3.0630, 0.8777,
1.0967

283.1693,

 1.1872, 0.0000,

233.6588, 260.0245

0.0000

337.1742,
282.2205, 313.6496

■ 0.0962, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4281, 37.8750,
42.9173

■ 55.4281, 37.8750,
42.9173

■ 51.2957, 31.9032,
34.4713

■ 60.5655, 45.5619,
52.6084

■ 48.0930, 27.5062,
27.2117

■ 66.7701, 55.0784,
63.5947

■ 45.7376, 24.5306,
21.0773

■ 74.1024, 66.5356,
75.9260

■ 44.1299, 22.7887,
15.9985

■ 82.6170, 80.0343,
89.6487

■ 43.3120, 22.0888,
12.8411

■ 92.3652, 95.6679,
104.8064

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.



52.1254, 37.8750, 72.1561



55.4281, 37.8750, 42.9173



52.8688, 37.8750, 22.5870

Triad

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



55.4281, 37.8750, 42.9173



28.7020, 37.8750, 11.7655



27.8496, 37.8750, 96.6509

Complementary

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



55.4281, 37.8750, 42.9173



54.6665, 79.9936, 70.3209

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.



23.1640, 37.8750, 68.0718



55.4281, 37.8750, 42.9173



23.5976, 37.8750, 20.7212

Square

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



55.4281, 37.8750, 42.9173



36.5802, 37.8750, 9.5077



21.7411, 37.8750, 39.6059



35.4240, 37.8750, 109.9949

Rectangle

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



55.4281, 37.8750, 42.9173



48.3811, 37.8750, 14.9027



21.7411, 37.8750, 39.6059



25.9333, 37.8750, 88.0595

Sweetspot

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



55.4290, 37.8769, 42.9180



79.5392, 75.1352, 84.7489



49.6905, 33.6826, 98.4902



16.6468, 15.4827, 17.5320



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.



55.4290, 37.8769, 42.9180



51.1308, 31.6705, 34.1165



53.5862, 40.4298, 23.0710



18.2896, 18.0992, 20.1424



22.6976, 11.5683, 7.0580



2.2608, 1.1467, 0.9547

Inverse Universe

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



55.4290, 37.8769, 42.9180



51.1308, 31.6705, 34.1165



56.9104, 73.2339, 105.7438



18.2896, 18.0992, 20.1424



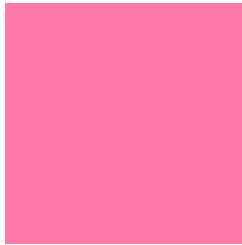
22.6976, 11.5683, 7.0580



2.2608, 1.1467, 0.9547

Previews

White Background



This preview shows how the XYZ color 55.4281, 37.8750, 42.9173 looks on a white background.

Color Contrast Check

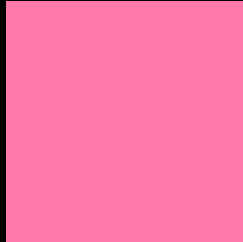
Large Text (above 18pt) WCAG AA × Fail

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 55.4281, 37.8750, 42.9173 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 55.4281, 37.8750, 42.9173

Background



This preview shows how black text looks on a background with the XYZ color 55.4281, 37.8750, 42.9173.



This preview shows how white text looks on a background with the XYZ color 55.4281, 37.8750,

42.9173.

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

55.4281, 37.8750, 42.9173

Protanopia

37.7666, 37.9991, 58.7701

Deuteranopia

38.8278, 38.1514, 40.9148



Tritanopia

52.3794, 37.9399, 28.2294

Trichromacy



Original Color

55.4281, 37.8750, 42.9173



Protanomaly

41.9151, 36.2800, 52.3705



Deuteranomaly

43.5484, 36.9031, 41.3870



Tritanomaly

53.2664, 37.7198, 32.9070

Monochromacy



Original Color

55.4281, 37.8750, 42.9173



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

41.5274, 36.7820, 41.9567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4281, 37.8750, 42.9173 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 171) }
```

Border

The CSS property to change the border of an element to XYZ 55.4281, 37.8750, 42.9173 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, 171) }
```


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

```
.border{ border-color:rgb(255, 121, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 121, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 121, 171); box-shadow:4px 4px 4px 4px rgb(255, 121, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4281, 37.8750, 42.9173 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, 171) }
```

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

```
.background{ background-color: rgb(255,  
121, 171) }
```

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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