

Converting Colors

XYZ(55.5957, 38.7259, 41.3835)

Have a look what the booklet for
XYZ(55.5957, 38.7259, 41.3835)
contains.

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Color

**XYZ(55.6415, 38.7544,
41.5935)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7DA8
RGB	255, 125, 168
RGB Percent	100%, 49%, 66%
CMY	0.0000, 0.5098, 0.3412
CMYK	0.00, 0.51, 0.34, 0.00
HSL	340°, 100%, 75%
HSV	340°, 51%, 100%
XYZ	55.6415, 38.7544, 41.5935
YIQ	168.7720, 63.6770, 40.9330

Conversions

Conversions Part 2

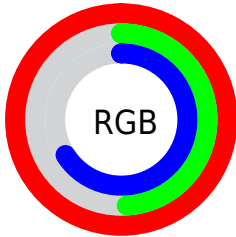
Format	Color
R_{YB}	255, 125, 168
Decimal	16743848
CIE _{Lab}	68.57, 53.73, 0.70
CIE _{LCh}	69, 53.736, 0.745
Yxy	38.7544, 0.4092, 0.2850
Android (android.graphics.Color)	4294933928 (0xFFFF7DA8)
YUV	168.7720, -0.3806, 75.6220
Hunter-Lab	62.2530, 50.5997, 3.9633

Details

The XYZ color **55.6415, 38.7544, 41.5935** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.1031, 80.6344, 74.8989**, and the grayscale version is **37.5805, 39.5376, 43.0564**.

A 20% lighter version of the original color is **71.0832, 59.6355, 77.5763**, and **27.8482, 17.2434, 18.3835** is the 20% darker color. If you saturate the color by 10%, you get **51.3307, 32.5124, 32.8204**, and if you desaturate by 10%, it is **60.9916, 46.7407, 51.7433**.

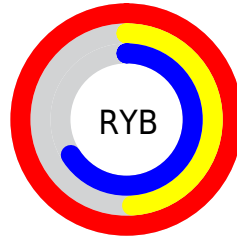
Distribution



Red (100%)

Green (49%)

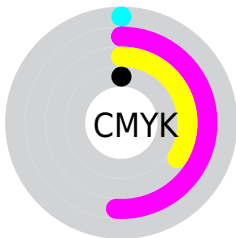
Blue (66%)



Red (100%)

Yellow (49%)

Blue (66%)

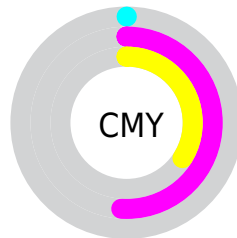


Cyan (0%)

Magenta (51%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6415, 38.7544, 41.5935 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 55.6415, 38.7544, 41.5935 by changing the saturation by 10% instead.


 55.6415, 38.7544,
41.5935

 55.6415, 38.7544,
41.5935


398.4360,
340.8452, 368.5449


 40.1514, 26.5687,
28.4599


 97.6231, 73.2630,
78.8475

 27.8414, 17.2496,
18.4306

 124.8453, 96.3547,
103.8049

 18.3460, 10.4126,
11.0869


 156.7089,
123.8505, 133.5408

 11.2998, 5.6734,
6.0104

193.5794,
156.1348, 168.4736

 6.3377, 2.6475,
2.7825

235.8219,
193.5920, 209.0219

 3.0941, 0.9506,
0.9847

283.8020,

 1.2037, 0.0000,

236.6066, 255.6042

0.0000

337.8849,
285.5628, 308.6390

■ 0.1093, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6415, 38.7544,
41.5935

■ 55.6415, 38.7544,
41.5935

■ 51.3307, 32.5124,
32.8204

■ 60.9916, 46.7407,
51.7433

■ 47.9832, 27.8761,
25.3578

■ 67.4433, 56.5843,
63.3271

■ 45.5171, 24.6954,
19.1363

■ 75.0577, 68.3954,
76.4013

■ 43.8340, 22.7881,
14.0779

■ 83.8901, 82.2739,
91.0184

■ 42.8535, 21.9054,
10.4266

■ 93.9926, 98.3131,
107.2284

■ 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.



52.9525, 38.7544, 69.3479



55.6415, 38.7544, 41.5935



52.6833, 38.7544, 22.5590

Triad

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



55.6415, 38.7544, 41.5935



29.1194, 38.7544, 13.4607



29.4340, 38.7544, 97.3863

Complementary

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



55.6415, 38.7544, 41.5935



56.1031, 80.6344, 74.8989

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.



24.5338, 38.7544, 70.8208



55.6415, 38.7544, 41.5935



24.3727, 38.7544, 23.2579

Square

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



55.6415, 38.7544, 41.5935



36.6236, 38.7544, 10.6273



22.8298, 38.7544, 42.8062



37.0470, 38.7544, 108.1446

Rectangle

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



55.6415, 38.7544, 41.5935



48.1337, 38.7544, 15.4009



22.8298, 38.7544, 42.8062



27.4590, 38.7544, 89.6093

Sweetspot

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



55.6425, 38.7564, 41.5942



80.1873, 76.4365, 84.9498



52.4407, 35.8371, 98.7611



16.7654, 15.7352, 17.5238



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.



55.6425, 38.7564, 41.5942



51.3221, 32.5002, 32.8021



55.3251, 43.5068, 24.8863



18.2571, 18.0862, 19.9711



22.4531, 11.4705, 5.7704



2.2343, 1.1361, 0.8151

Inverse Universe

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



55.6425, 38.7564, 41.5942



51.3221, 32.5002, 32.8021



55.7423, 70.0480, 105.1904



18.2571, 18.0862, 19.9711



22.4531, 11.4705, 5.7704



2.2343, 1.1361, 0.8151

Previews

White Background



This preview shows how the XYZ color 55.6415, 38.7544, 41.5935 looks on a white background.

Color Contrast Check

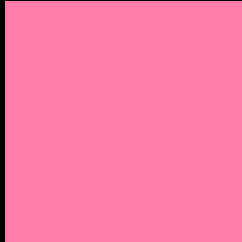
Large Text (above 18pt) WCAG AA × Fail

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 55.6415, 38.7544, 41.5935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

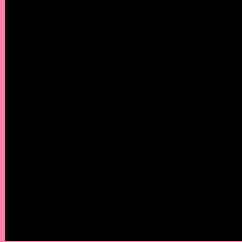
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6415, 38.7544, 41.5935

Background



This preview shows how black text looks on a background with the XYZ color 55.6415, 38.7544, 41.5935.



This preview shows how white text looks on a background with the XYZ color 55.6415, 38.7544,

41.5935.

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

55.6415, 38.7544, 41.5935

Protanopia

38.3661, 38.9092, 55.9402

Deuteranopia

39.6916, 38.8884, 39.5967



Tritanopia

53.2243, 38.7414, 29.4835

Trichromacy



Original Color

55.6415, 38.7544, 41.5935



Protanomaly

42.4833, 37.3297, 50.3136



Deuteranomaly

44.3123, 38.0241, 40.1258



Tritanomaly

54.0972, 38.7112, 33.4749

Monochromacy



Original Color

55.6415, 38.7544, 41.5935



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.3721, 37.9264, 42.6234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6415, 38.7544, 41.5935 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, 125, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 168)  
}
```

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, 125, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 168) }
```

Border

The CSS property to change the border of an element to XYZ 55.6415, 38.7544, 41.5935 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, 125, 168) }
```


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

```
.border{ border-color:rgb(255, 125, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6415, 38.7544, 41.5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 168) }
```

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

```
.background{ background-color: rgb(255,  
125, 168) }
```

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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