

Converting Colors

XYZ(55.2212, 38.5827, 43.9370)

Have a look what the booklet for
XYZ(55.2212, 38.5827, 43.9370)
contains.

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Color

**XYZ(55.1486, 38.6343,
44.0857)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7EAD
RGB	252, 126, 173
RGB Percent	99%, 49%, 68%
CMY	0.0118, 0.5059, 0.3216
CMYK	0.00, 0.50, 0.31, 0.01
HSL	338°, 95%, 74%
HSV	338°, 50%, 99%
XYZ	55.1486, 38.6343, 44.0857
YIQ	169.0320, 60.0090, 41.3290

Conversions

Conversions Part 2

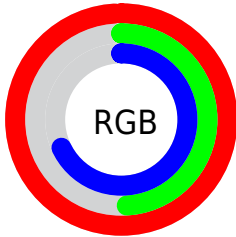
Format	Color
R _Y B	252, 126, 173
Decimal	16547501
CIE Lab	68.49, 52.87, -2.29
CIE LCh	68, 52.919, 357.515
Yxy	38.6343, 0.4000, 0.2802
Android (android.graphics.Color)	4294737581 (0xFFFC7EAD)
YUV	169.0320, 1.9562, 72.7629
Hunter-Lab	62.1565, 49.6010, 1.4570

Details

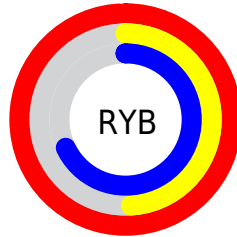
The XYZ color **55.1486, 38.6343, 44.0857** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.4360, 78.4653, 70.0381**, and the grayscale version is **37.6990, 39.6623, 43.1922**.

A 20% lighter version of the original color is **71.9715, 60.3173, 81.2479**, and **27.4427, 17.0934, 19.9421** is the 20% darker color. If you saturate the color by 10%, you get **50.8829, 32.4066, 35.5612**, and if you desaturate by 10%, it is **60.4088, 46.5610, 53.8346**.

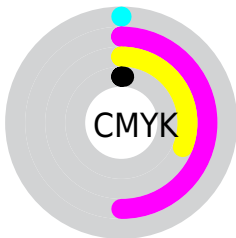
Distribution



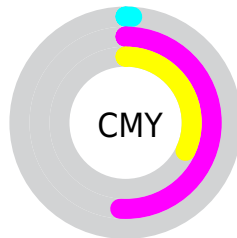
- Red (99%)
- Green (49%)
- Blue (68%)



- Red (99%)
- Yellow (49%)
- Blue (68%)



- Cyan (0%)
- Magenta (50%)
- Yellow (31%)
- Black (1%)





- Cyan (1%)
- Magenta (51%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1486, 38.6343, 44.0857 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 55.1486, 38.6343, 44.0857 by changing the saturation by 10% instead.

 55.1486, 38.6343,
44.0857


 55.1486, 38.6343,
44.0857


396.6022,
340.3332, 379.1095


 39.7550, 26.4754,
30.4002


 96.9057, 73.0793,
82.6505

 27.5309, 17.1796,
19.8879


 123.9999, 96.1342,
108.3670

 18.1110, 10.3626,
12.1303


 155.7251,
123.5898, 138.9308

 11.1299, 5.6400,
6.7089

192.4465,
155.8306, 174.7605

 6.2222, 2.6275,
3.2050

234.5296,
193.2409, 216.2747

 3.0226, 0.9405,
1.2003

282.3397,

 1.1657, 0.0000,

236.2052, 263.8919

0.0000

336.2421,
285.1078, 318.0306

■ 0.0791, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1486, 38.6343,
44.0857

■ 55.1486, 38.6343,
44.0857

■ 50.8829, 32.4066,
35.5612

■ 60.4088, 46.5610,
53.8346

■ 47.5399, 27.7454,
28.2051

■ 66.7218, 56.2948,
64.8557

■ 45.0431, 24.5077,
21.9595

■ 74.1453, 67.9412,
77.1966

■ 43.3005, 22.5210,
16.7590

■ 82.7314, 81.5964,
90.9016

■ 42.1653, 21.5038,
12.5172

■ 92.5292, 97.3496,
106.0130

■ 42.1650, 21.5035,
12.5161

■ 93.9550, 99.4355,
108.8488

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.9474, 38.6343, 71.8071



55.1486, 38.6343, 44.0857



52.8271, 38.6343, 24.2417

Triad

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



55.1486, 38.6343, 44.0857



29.8105, 38.6343, 13.0988



28.7764, 38.6343, 93.8020

Complementary

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



55.1486, 38.6343, 44.0857



54.4360, 78.4653, 70.0381

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.



24.2741, 38.6343, 67.0003



55.1486, 38.6343, 44.0857



24.8047, 38.6343, 21.9345

Square

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



55.1486, 38.6343, 44.0857



37.4193, 38.6343, 10.8754



22.9368, 38.6343, 40.1093



36.0309, 38.6343, 106.5066

Rectangle

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



55.1486, 38.6343, 44.0857



48.6289, 38.6343, 16.5052



22.9368, 38.6343, 40.1093



26.9350, 38.6343, 85.7435

Sweetspot

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



55.1497, 38.6362, 44.0864



80.4146, 76.5274, 86.1466



49.8530, 34.7473, 96.1751



16.8198, 15.7570, 17.8102



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.



55.1497, 38.6362, 44.0864



52.2552, 33.2683, 36.4985



53.3930, 41.1654, 24.8727



17.5123, 17.3323, 19.2877



22.0295, 11.2275, 6.8639



2.0897, 1.0596, 0.8959

Inverse Universe

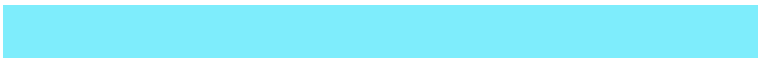
The Inverse Universe completely reimagines the original color for something new.



55.1497, 38.6362, 44.0864



52.2552, 33.2683, 36.4985



56.5474, 72.2074, 103.0527



17.5123, 17.3323, 19.2877



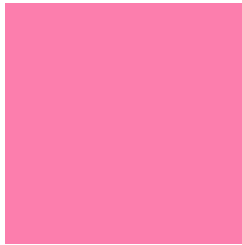
22.0295, 11.2275, 6.8639



2.0897, 1.0596, 0.8959

Previews

White Background



This preview shows how the XYZ color 55.1486, 38.6343, 44.0857 looks on a white background.

Color Contrast Check

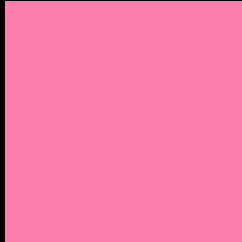
Large Text (above 18pt) WCAG AA × Fail

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 55.1486, 38.6343, 44.0857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

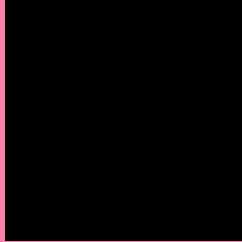
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1486, 38.6343, 44.0857

Background



This preview shows how black text looks on a background with the XYZ color 55.1486, 38.6343, 44.0857.



This preview shows how white text looks on a background with the XYZ color 55.1486, 38.6343,

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

55.1486, 38.6343, 44.0857

Protanopia

38.5272, 38.9267, 58.9091

Deuteranopia

39.6625, 38.8210, 41.9620



Tritanopia

52.1259, 38.5654, 29.8958

Trichromacy



Original Color

55.1486, 38.6343, 44.0857



Protanomaly

42.5001, 37.2767, 53.0992



Deuteranomaly

44.2034, 37.9148, 42.5246



Tritanomaly

53.1567, 38.5892, 34.7838

Monochromacy



Original Color

55.1486, 38.6343, 44.0857



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.2001, 37.8269, 43.1073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1486, 38.6343, 44.0857 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(252, 126, 173)` looks like.

```
.text, #text, p{  
    color:rgb(252, 126, 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(252, 126, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 126, 173) }
```

Border

The CSS property to change the border of an element to XYZ 55.1486, 38.6343, 44.0857 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(252, 126, 173) }
```


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

```
.border{ border-color:rgb(252, 126, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 126, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 126, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 126, 173);  
box-shadow:4px 4px 4px 4px rgb(252, 126,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1486, 38.6343, 44.0857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 126, 173) }
```

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

```
.background{ background-color: rgb(252,  
126, 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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