

Converting Colors

XYZ(55.5268, 38.8553, 40.5372)

Have a look what the booklet for
XYZ(55.5268, 38.8553, 40.5372)
contains.

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Color

**XYZ(55.5838, 38.9349,
40.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7EA6
RGB	255, 126, 166
RGB Percent	100%, 49%, 65%
CMY	0.0000, 0.5059, 0.3490
CMYK	0.00, 0.51, 0.35, 0.00
HSL	341°, 100%, 75%
HSV	341°, 51%, 100%
XYZ	55.5838, 38.9349, 40.6620
YIQ	169.1310, 64.0440, 39.7880

Conversions

Conversions Part 2

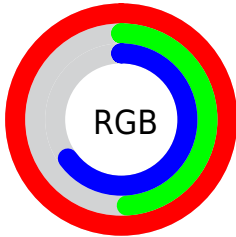
Format	Color
RYB	255, 126, 166
Decimal	16744102
CIELab	68.70, 53.02, 2.02
CIElCh	69, 53.060, 2.177
Yxy	38.9349, 0.4112, 0.2880
Android (android.graphics.Color)	4294934182 (0xFFFF7EA6)
YUV	169.1310, -1.5436, 75.3071
Hunter-Lab	62.3978, 49.8110, 5.0417

Details

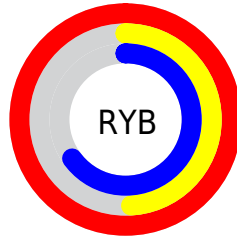
The XYZ color **55.5838, 38.9349, 40.6620** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.6319, 80.8628, 76.9178**, and the grayscale version is **37.7633, 39.7300, 43.2659**.

A 20% lighter version of the original color is **71.0191, 59.9364, 76.2324**, and **27.7962, 17.3235, 17.7983** is the 20% darker color. If you saturate the color by 10%, you get **51.2236, 32.6231, 31.7833**, and if you desaturate by 10%, it is **60.9978, 47.0007, 50.9821**.

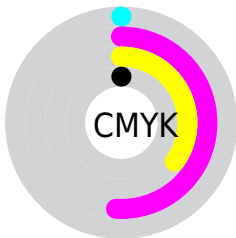
Distribution



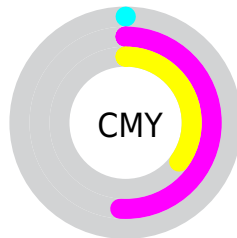
- Red (100%)
- Green (49%)
- Blue (65%)



- Red (100%)
- Yellow (49%)
- Blue (65%)



- Cyan (0%)
- Magenta (51%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5838, 38.9349, 40.6620 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 55.5838, 38.9349, 40.6620 by changing the saturation by 10% instead.


 55.5838, 38.9349,
40.6620

 55.5838, 38.9349,
40.6620


398.2216,
341.6136, 364.5407


 40.1050, 26.7091,
27.7374


 97.5391, 73.5389,
77.4186

 27.8050, 17.3549,
17.8905


 124.7464, 96.6858,
102.0877

 18.3184, 10.4878,
10.7027


 156.5939,
124.2419, 131.5086

 11.2799, 5.7236,
5.7557

193.4469,
156.5915, 166.1000

 6.3241, 2.6777,
2.6307

235.6708,
194.1192, 206.2804

 3.0857, 0.9659,
0.9082

283.6310,

 1.1992, 0.0000,

237.2091, 252.4682

0.0000

337.6928,
286.2458, 305.0822

■ 0.1058, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5838, 38.9349,
40.6620

■ 55.5838, 38.9349,
40.6620

■ 51.2236, 32.6231,
31.7833

■ 60.9978, 47.0007,
50.9821

■ 47.8407, 27.9268,
24.2753

■ 67.5285, 56.9332,
62.8048

■ 45.3527, 24.6965,
18.0641

■ 75.2374, 68.8427,
76.1904

■ 43.6609, 22.7512,
13.0663

■ 84.1806, 82.8290,
91.1947

■ 42.6535, 21.8254,
9.3734

94.4104, 98.9854,
107.8711

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.



53.1881, 38.9349, 67.8239



55.5838, 38.9349, 40.6620



52.4112, 38.9349, 22.2402

Triad

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



55.5838, 38.9349, 40.6620



29.0621, 38.9349, 14.0776



29.9753, 38.9349, 97.7965

Complementary

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



55.5838, 38.9349, 40.6620



56.6319, 80.8628, 76.9178

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.



24.9613, 38.9349, 72.0691



55.5838, 38.9349, 40.6620



24.4928, 38.9349, 24.2773

Square

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



55.5838, 38.9349, 40.6620



36.3968, 38.9349, 10.9546



23.1119, 38.9349, 44.1734



37.6229, 38.9349, 107.3601

Rectangle

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



55.5838, 38.9349, 40.6620



47.8082, 38.9349, 15.3667



23.1119, 38.9349, 44.1734



27.9682, 38.9349, 90.3706

Sweetspot

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



55.5848, 38.9369, 40.6627



80.0768, 76.3923, 84.3676



53.2879, 36.4627, 98.8372



16.7390, 15.7246, 17.3847



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.



55.5848, 38.9369, 40.6627



51.0644, 32.3971, 31.4451



55.8580, 44.4697, 25.3807



18.2413, 18.0798, 19.8877



22.3459, 11.4277, 5.2060



2.2223, 1.1313, 0.7521

Inverse Universe

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



55.5848, 38.9369, 40.6627



51.0644, 32.3971, 31.4451



55.3297, 69.0049, 105.0108



18.2413, 18.0798, 19.8877



22.3459, 11.4277, 5.2060



2.2223, 1.1313, 0.7521

Previews

White Background



This preview shows how the XYZ color 55.5838, 38.9349, 40.6620 looks on a white background.

Color Contrast Check

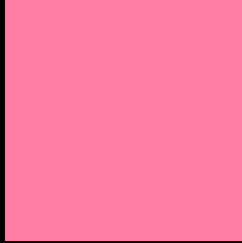
Large Text (above 18pt) WCAG AA × Fail

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 55.5838, 38.9349, 40.6620 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 55.5838, 38.9349, 40.6620

Background



This preview shows how black text looks on a background with the XYZ color 55.5838, 38.9349, 40.6620.



This preview shows how white text looks on a background with the XYZ color 55.5838, 38.9349,

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

55.5838, 38.9349, 40.6620

Protanopia

38.4228, 39.2477, 54.2657

Deuteranopia

39.7590, 38.9435, 38.6790



Tritanopia

53.3579, 39.0087, 29.5281

Trichromacy



Original Color

55.5838, 38.9349, 40.6620



Protanomaly

42.5947, 37.6630, 48.7408



Deuteranomaly

44.4204, 38.1006, 39.1954



Tritanomaly

54.1481, 38.9413, 33.0963

Monochromacy



Original Color

55.5838, 38.9349, 40.6620



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.2785, 37.8890, 42.1308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5838, 38.9349, 40.6620 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, 126, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 166)  
}
```

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, 126, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 166) }
```

Border

The CSS property to change the border of an element to XYZ 55.5838, 38.9349, 40.6620 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, 126, 166) }
```


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

```
.border{ border-color:rgb(255, 126, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5838, 38.9349, 40.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 166) }
```

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

```
.background{ background-color: rgb(255,  
126, 166) }
```

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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