

Converting Colors

XYZ(55.6438, 38.5154, 42.3455)

Have a look what the booklet for
XYZ(55.6438, 38.5154, 42.3455)
contains.

XYZ(55.7034, 38.5776, 42.5405)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.7034, 38.5776,
42.5405)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7CAA
RGB	255, 124, 170
RGB Percent	100%, 49%, 67%
CMY	0.0000, 0.5137, 0.3333
CMYK	0.00, 0.51, 0.33, 0.00
HSL	339°, 100%, 74%
HSV	339°, 51%, 100%
XYZ	55.7034, 38.5776, 42.5405
YIQ	168.4130, 63.3100, 42.0780

Conversions

Conversions Part 2

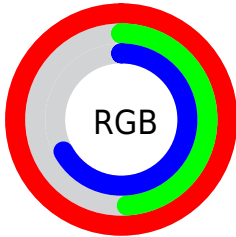
Format	Color
R_{YB}	255, 124, 170
Decimal	16743594
CIE Lab	68.44, 54.44, -0.62
CIE LCh	68, 54.445, 359.351
Yxy	38.5776, 0.4071, 0.2820
Android (android.graphics.Color)	4294933674 (0xFFFF7CAA)
YUV	168.4130, 0.7824, 75.9368
Hunter-Lab	62.1109, 51.3916, 2.8692

Details

The XYZ color **55.7034, 38.5776, 42.5405** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.5827, 80.4094, 72.9171**, and the grayscale version is **37.3981, 39.3457, 42.8475**.

A 20% lighter version of the original color is **71.1519, 59.3388, 78.9376**, and **27.9038, 17.1664, 18.9823** is the 20% darker color. If you saturate the color by 10%, you get **51.4427, 32.4056, 33.8776**, and if you desaturate by 10%, it is **60.9892, 46.4843, 52.5179**.

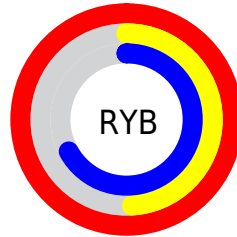
Distribution



Red (100%)

Green (49%)

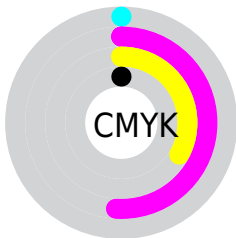
Blue (67%)



Red (100%)

Yellow (49%)

Blue (67%)

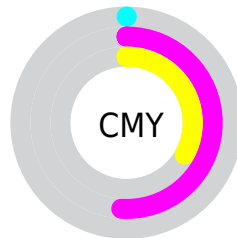


Cyan (0%)

Magenta (51%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7034, 38.5776, 42.5405 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 55.7034, 38.5776, 42.5405 by changing the saturation by 10% instead.


 55.7034, 38.5776,
42.5405


 55.7034, 38.5776,
42.5405

398.6660,
340.0913, 372.5842

 40.2012, 26.4313,
29.1960


 97.7131, 72.9926,
80.2959

 27.8804, 17.1466,
18.9823


 124.9514, 96.0301,
105.5439

 18.3755, 10.3390,
11.4808


 156.8324,
123.4667, 135.5968

 11.3212, 5.6243,
6.2730

193.7215,
155.6869, 170.8732

 6.3522, 2.6180,
2.9403

235.9840,
193.0751, 211.7916

 3.1031, 0.9357,
1.0642

283.9854,

 1.2085, 0.0000,

236.0156, 258.7705

0.0000

338.0909,
284.8929, 312.2286

■ 0.1131, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7034, 38.5776,
42.5405

■ 55.7034, 38.5776,
42.5405

■ 51.4427, 32.4056,
33.8776

■ 60.9892, 46.4843,
52.5179

■ 48.1318, 27.8296,
26.4670

■ 67.3621, 56.2392,
63.8635

■ 45.6890, 24.6987,
20.2436

■ 74.8827, 67.9523,
76.6302

■ 44.0163, 22.8298,
15.1340

■ 83.6059, 81.7238,
90.8673

■ 43.0657, 21.9903,
11.5439

■ 93.5832, 97.6468,
106.6217

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.



52.7221, 38.5776, 70.8972



55.7034, 38.5776, 42.5405



52.9599, 38.5776, 22.8818

Triad

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



55.7034, 38.5776, 42.5405



29.1787, 38.5776, 12.8639



28.9023, 38.5776, 96.9857

Complementary

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



55.7034, 38.5776, 42.5405



55.5827, 80.4094, 72.9171

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.



24.1136, 38.5776, 69.5946



55.7034, 38.5776, 42.5405



24.2548, 38.5776, 22.2706

Square

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



55.7034, 38.5776, 42.5405



36.8536, 38.5776, 10.3078



22.5521, 38.5776, 41.4729



36.4808, 38.5776, 108.9402

Rectangle

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



55.7034, 38.5776, 42.5405



48.4637, 38.5776, 15.4361



22.5521, 38.5776, 41.4729



26.9588, 38.5776, 88.8607

Sweetspot

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



55.7044, 38.5795, 42.5412



80.2967, 76.4802, 85.5256



50.9822, 34.8982, 98.6567



16.7915, 15.7457, 17.6615



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.



55.7044, 38.5795, 42.5412



51.2067, 32.0714, 33.3741



54.4734, 41.9050, 24.2887



18.2727, 18.0924, 20.0533



22.5664, 11.5159, 6.3673



2.2467, 1.1410, 0.8804

Inverse Universe

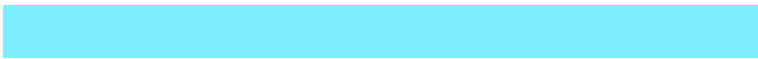
The Inverse Universe completely reimagines the original color for something new.



55.7044, 38.5795, 42.5412



51.2067, 32.0714, 33.3741



56.8024, 72.3839, 105.5854



18.2727, 18.0924, 20.0533



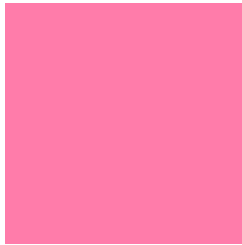
22.5664, 11.5159, 6.3673



2.2467, 1.1410, 0.8804

Previews

White Background



This preview shows how the XYZ color 55.7034, 38.5776, 42.5405 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 55.7034, 38.5776, 42.5405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

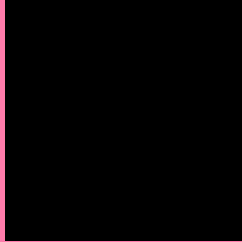
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7034, 38.5776, 42.5405

Background



This preview shows how black text looks on a background with the XYZ color 55.7034, 38.5776, 42.5405.



This preview shows how white text looks on a background with the XYZ color 55.7034, 38.5776,

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

55.7034, 38.5776, 42.5405

Protanopia

38.5003, 38.9393, 57.7114

Deuteranopia

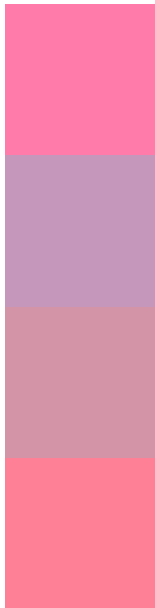
39.6288, 38.8353, 40.5293



Tritanopia

52.7877, 38.5248, 29.0799

Trichromacy



Original Color

55.7034, 38.5776, 42.5405

Protanomaly

42.8012, 37.4568, 51.9877

Deuteranomaly

44.0512, 37.6346, 41.0189

Tritanomaly

53.7322, 38.5230, 33.4578

Monochromacy



Original Color

55.7034, 38.5776, 42.5405

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

42.2091, 37.6004, 42.5691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7034, 38.5776, 42.5405 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, 124, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 170)  
}
```

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, 124, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 170) }
```

Border

The CSS property to change the border of an element to XYZ 55.7034, 38.5776, 42.5405 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, 124, 170) }
```


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

```
.border{ border-color:rgb(255, 124, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7034, 38.5776, 42.5405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 170) }
```

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

```
.background{ background-color: rgb(255,  
124, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor