

Converting Colors

XYZ(55.7112, 38.1171, 44.0115)

Have a look what the booklet for
XYZ(55.7112, 38.1171, 44.0115)
contains.

XYZ(55.7424, 38.1962, 43.9698)	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(55.7424, 38.1962,
43.9698)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7AAD
RGB	255, 122, 173
RGB Percent	100%, 48%, 68%
CMY	0.0000, 0.5215, 0.3216
CMYK	0.00, 0.52, 0.32, 0.00
HSL	337°, 100%, 74%
HSV	337°, 52%, 100%
XYZ	55.7424, 38.1962, 43.9698
YIQ	167.5810, 62.8970, 44.0570

Conversions

Conversions Part 2

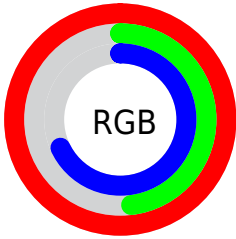
Format	Color
R _Y B	255, 122, 173
Decimal	16743085
CIE Lab	68.16, 55.74, -2.72
CIE LCh	68, 55.809, 357.209
Yxy	38.1962, 0.4042, 0.2770
Android (android.graphics.Color)	4294933165 (0xFFFF7AAD)
YUV	167.5810, 2.6716, 76.6665
Hunter-Lab	61.8031, 52.8401, 1.0803

Details

The XYZ color **55.7424, 38.1962, 43.9698** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.6870, 80.0181, 69.6937**, and the grayscale version is **36.9812, 38.9071, 42.3698**.

A 20% lighter version of the original color is **71.1640, 58.7022, 80.9787**, and **27.9640, 16.9969, 19.8960** is the 20% darker color. If you saturate the color by 10%, you get **51.5789, 32.1625, 35.5124**, and if you desaturate by 10%, it is **60.9081, 45.9478, 53.6454**.

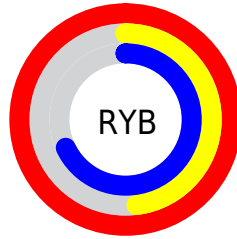
Distribution



Red (100%)

Green (48%)

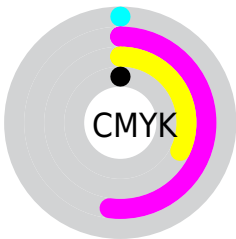
Blue (68%)



Red (100%)

Yellow (48%)

Blue (68%)

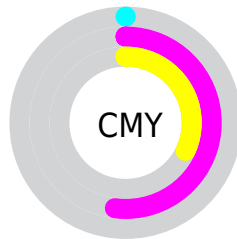


Cyan (0%)

Magenta (52%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7424, 38.1962, 43.9698 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 55.7424, 38.1962, 43.9698 by changing the saturation by 10% instead.


 55.7424, 38.1962,
43.9698


 55.7424, 38.1962,
43.9698


398.8108,
338.4609, 378.6228


 40.2326, 26.1350,
30.3097

 97.7698, 72.4088,
82.4743

 27.9050, 16.9247,
19.8198


 125.0182, 95.3289,
108.1558

 18.3941, 10.1808,
12.0813


 156.9101,
122.6375, 138.6816

 11.3347, 5.5190,
6.6759

193.8110,
154.7189, 174.4701

 6.3614, 2.5549,
3.1849

236.0861,
191.9576, 215.9399

 3.1088, 0.9040,
1.1898

284.1009,

 1.2116, 0.0000,

234.7379, 263.5096

0.0000

338.2207,
283.4442, 317.5977

■ 0.1155, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7424, 38.1962,
43.9698

■ 55.7424, 38.1962,
43.9698

■ 51.5789, 32.1625,
35.5124

■ 60.9081, 45.9478,
53.6454

■ 48.3429, 27.7071,
28.2167

■ 67.1377, 55.5311,
64.5875

■ 45.9530, 24.6778,
22.0235

■ 74.4909, 67.0568,
76.8443

■ 44.3108, 22.8888,
16.8660

■ 83.0222, 80.6251,
90.4603

■ 43.4340, 22.1376,
13.4833

■ 92.7823, 96.3293,
105.4779

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.



52.2893, 38.1962, 73.3652



55.7424, 38.1962, 43.9698



53.3368, 38.1962, 23.2809

Triad

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



55.7424, 38.1962, 43.9698



29.1697, 38.1962, 11.8465



27.9653, 38.1962, 96.3746

Complementary

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



55.7424, 38.1962, 43.9698



54.6870, 80.0181, 69.6937

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.



23.3492, 38.1962, 67.6138



55.7424, 38.1962, 43.9698



23.9624, 38.1962, 20.6388

Square

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



55.7424, 38.1962, 43.9698



37.1263, 38.1962, 9.7148



22.0091, 38.1962, 39.2961



35.4946, 38.1962, 110.2850

Rectangle

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



55.7424, 38.1962, 43.9698



48.9173, 38.1962, 15.3795



22.0091, 38.1962, 39.2961



26.0704, 38.1962, 87.6749

Sweetspot

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



55.7434, 38.1981, 43.9705



79.5982, 75.1588, 85.0599



49.3143, 33.6700, 98.5076



16.6608, 15.4883, 17.6057



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.



55.7434, 38.1981, 43.9705



51.2702, 31.7263, 34.8509



53.4602, 40.0790, 23.3332



18.2976, 18.1024, 20.1843



22.7624, 11.5942, 7.3992



2.2677, 1.1494, 0.9909

Inverse Universe

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



55.7434, 38.1981, 43.9705



51.2702, 31.7263, 34.8509



57.7402, 74.6844, 105.9800



18.2976, 18.1024, 20.1843



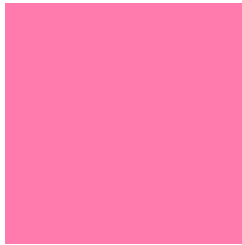
22.7624, 11.5942, 7.3992



2.2677, 1.1494, 0.9909

Previews

White Background



This preview shows how the XYZ color 55.7424, 38.1962, 43.9698 looks on a white background.

Color Contrast Check

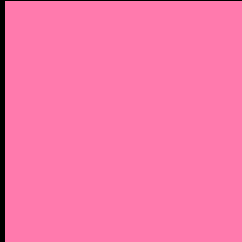
Large Text (above 18pt) WCAG AA × Fail

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 55.7424, 38.1962, 43.9698 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 55.7424, 38.1962, 43.9698

Background



This preview shows how black text looks on a background with the XYZ color 55.7424, 38.1962, 43.9698.



This preview shows how white text looks on a background with the XYZ color 55.7424, 38.1962,

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

55.7424, 38.1962, 43.9698

Protanopia

38.1785, 38.4513, 60.0532

Deuteranopia

39.0113, 38.2248, 41.8812



Tritanopia

52.5826, 38.2309, 28.6527

Trichromacy



Original Color

55.7424, 38.1962, 43.9698



Protanomaly

42.2898, 36.6819, 53.5666



Deuteranomaly

43.8896, 37.2873, 42.4201



Tritanomaly

53.5548, 38.0387, 33.7977

Monochromacy



Original Color

55.7424, 38.1962, 43.9698



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

42.1417, 37.3149, 43.0116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7424, 38.1962, 43.9698 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, 122, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 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(255, 122, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 173) }
```

Border

The CSS property to change the border of an element to XYZ 55.7424, 38.1962, 43.9698 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, 122, 173) }
```


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

```
.border{ border-color:rgb(255, 122, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7424, 38.1962, 43.9698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 173) }
```

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

```
.background{ background-color: rgb(255,  
122, 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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