

Converting Colors

XYZ(76.5073, 52.0112, 45.1716)

Have a look what the booklet for
XYZ(76.5073, 52.0112, 45.1716)
contains.

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Color

**XYZ(57.7749, 42.4155,
44.1717)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8AAC
RGB	255, 138, 172
RGB Percent	100%, 54%, 67%
CMY	0.0000, 0.4588, 0.3255
CMYK	0.00, 0.46, 0.33, 0.00
HSL	343°, 100%, 77%
HSV	343°, 46%, 100%
XYZ	57.7749, 42.4155, 44.1717
YIQ	176.8590, 58.8180, 35.3780

Conversions

Conversions Part 2

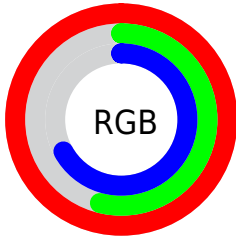
Format	Color
R_{YB}	255, 138, 172
Decimal	16747180
CIE _{Lab}	71.16, 47.87, 2.21
CIE _{LCh}	71, 47.926, 2.648
Yxy	42.4155, 0.4002, 0.2938
Android (android.graphics.Color)	4294937260 (0xFFFF8AAC)
YUV	176.8590, -2.3955, 68.5297
Hunter-Lab	65.1272, 44.3764, 5.3763

Details

The XYZ color **57.7749, 42.4155, 44.1717** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.2943, 82.1446, 81.1412**, and the grayscale version is **41.7077, 43.8797, 47.7850**.

A 20% lighter version of the original color is **74.3969, 65.3896, 81.3734**, and **29.0662, 19.2988, 19.9624** is the 20% darker color. If you saturate the color by 10%, you get **52.9155, 35.2907, 34.5555**, and if you desaturate by 10%, it is **63.7317, 51.3565, 55.3215**.

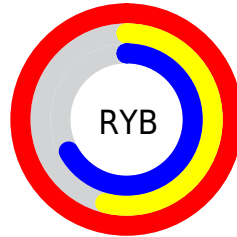
Distribution



Red (100%)

Green (54%)

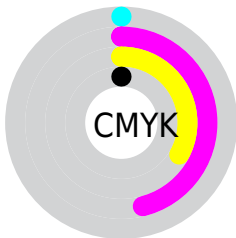
Blue (67%)



Red (100%)

Yellow (54%)

Blue (67%)

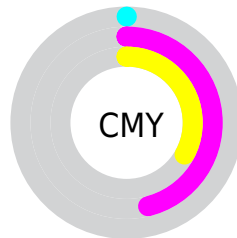


Cyan (0%)

Magenta (46%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7749, 42.4155, 44.1717 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 57.7749, 42.4155, 44.1717 by changing the saturation by 10% instead.


 57.7749, 42.4155,
44.1717

 57.7749, 42.4155,
44.1717


406.3140,
356.2025, 379.4703


 41.8703, 29.4268,
30.4673


 100.7198, 78.8281,
82.7813

 29.1904, 19.4039,
19.9385


 128.4909,
103.0207, 108.5236

 19.3699, 11.9625,
12.1667


 160.9480,
131.7168, 139.1156

 12.0434, 6.7181,
6.7334

198.4568,
165.3007, 174.9758

 6.8457, 3.2865,
3.2200

241.3824,
204.1568, 216.5229

 3.4113, 1.2831,
1.2081

290.0902,

 1.3748, 0.1280,

248.6696, 264.1753

0.0000

344.9456,
299.2233, 318.3516

■ 0.2382, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7749, 42.4155,
44.1717

■ 57.7749, 42.4155,
44.1717

■ 52.9155, 35.2907,
34.5555

■ 63.7317, 51.3565,
55.3215

■ 49.0799, 29.8500,
26.4003

■ 70.8467, 62.2212,
68.0680

■ 46.1899, 25.9534,
19.6303

■ 79.1800, 75.1162,
82.4736

■ 44.1539, 23.4353,
14.1614

■ 88.7865, 90.1381,
98.5964

■ 42.8599, 22.0905, 95.0500, 100.0000,
9.8977 108.9000

■ 42.4792, 21.7557,
8.4555

Harmonies

Analogous

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



55.6303, 42.4155, 69.6060



57.7749, 42.4155, 44.1717



54.7515, 42.4155, 26.2112

Triad

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



57.7749, 42.4155, 44.1717



32.5507, 42.4155, 18.0740



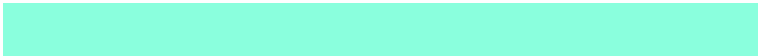
33.6331, 42.4155, 97.5987

Complementary

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



57.7749, 42.4155, 44.1717



59.2943, 82.1446, 81.1412

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.



28.6688, 42.4155, 74.3584



57.7749, 42.4155, 44.1717



28.1047, 42.4155, 28.7106

Square

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



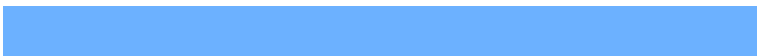
57.7749, 42.4155, 44.1717



39.6060, 42.4155, 14.6119



26.7827, 42.4155, 48.2550



41.0317, 42.4155, 105.8803

Rectangle

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



57.7749, 42.4155, 44.1717



50.4189, 42.4155, 19.2100



26.7827, 42.4155, 48.2550



31.6595, 42.4155, 90.9672

Sweetspot

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



57.7760, 42.4176, 44.1725



80.8869, 77.7745, 85.3713



56.6251, 40.5993, 99.4597



16.8946, 15.9951, 17.5621



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.



57.7760, 42.4176, 44.1725



53.3009, 35.8480, 35.3418



58.6438, 48.7269, 30.3618



18.2264, 18.0739, 19.8095



22.2521, 11.3901, 4.7122



2.2116, 1.1270, 0.6959

Inverse Universe

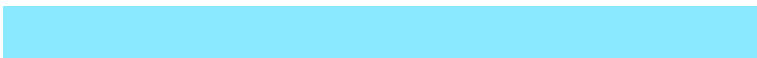
The Inverse Universe completely reimagines the original color for something new.



57.7760, 42.4176, 44.1725



53.3009, 35.8480, 35.3418



57.2769, 70.1129, 105.1221



18.2264, 18.0739, 19.8095



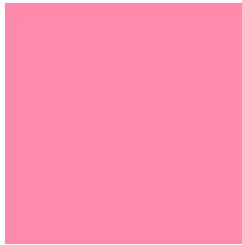
22.2521, 11.3901, 4.7122



2.2116, 1.1270, 0.6959

Previews

White Background



This preview shows how the XYZ color 57.7749, 42.4155, 44.1717 looks on a white background.

Color Contrast Check

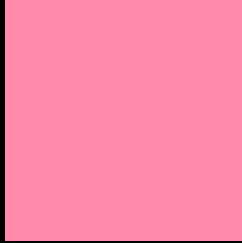
Large Text (above 18pt) WCAG AA × Fail

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 57.7749, 42.4155, 44.1717 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 57.7749, 42.4155, 44.1717

Background



This preview shows how black text looks on a background with the XYZ color 57.7749, 42.4155, 44.1717.



This preview shows how white text looks on a background with the XYZ color 57.7749, 42.4155,

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

57.7749, 42.4155, 44.1717

Protanopia

41.5825, 42.5081, 56.4653

Deuteranopia

43.4112, 42.6353, 42.5006



Tritanopia

55.8485, 42.4956, 34.9647

Trichromacy



Original Color

57.7749, 42.4155, 44.1717



Protanomaly

45.6849, 41.2010, 51.4437



Deuteranomaly

47.7072, 41.9172, 43.1125



Tritanomaly

56.6559, 42.6238, 38.0420

Monochromacy



Original Color

57.7749, 42.4155, 44.1717



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

46.0119, 42.2687, 46.2910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7749, 42.4155, 44.1717 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, 138, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 172)  
}
```

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, 138, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 172) }
```

Border

The CSS property to change the border of an element to XYZ 57.7749, 42.4155, 44.1717 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, 138, 172) }
```


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

```
.border{ border-color:rgb(255, 138, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7749, 42.4155, 44.1717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 172) }
```

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

```
.background{ background-color: rgb(255,  
138, 172) }
```

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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