

Converting Colors

XYZ(57.7997, 42.7401, 43.3322)

Have a look what the booklet for
XYZ(57.7997, 42.7401, 43.3322)
contains.

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Color

**XYZ(57.7283, 42.6275,
43.2155)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8BAA
RGB	255, 139, 170
RGB Percent	100%, 55%, 67%
CMY	0.0000, 0.4549, 0.3333
CMYK	0.00, 0.45, 0.33, 0.00
HSL	344°, 100%, 77%
HSV	344°, 45%, 100%
XYZ	57.7283, 42.6275, 43.2155
YIQ	177.2180, 59.1850, 34.2330

Conversions

Conversions Part 2

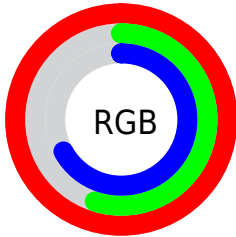
Format	Color
R_{YB}	255, 139, 170
Decimal	16747434
CIE _{Lab}	71.30, 47.14, 3.54
CIE _{LCh}	71, 47.269, 4.295
Yxy	42.6275, 0.4021, 0.2969
Android (android.graphics.Color)	4294937514 (0xFFFF8BAA)
YUV	177.2180, -3.5585, 68.2148
Hunter-Lab	65.2897, 43.5702, 6.4586

Details

The XYZ color **57.7283, 42.6275, 43.2155** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.8640, 82.3917, 83.2735**, and the grayscale version is **41.9020, 44.0842, 48.0077**.

A 20% lighter version of the original color is **74.3457, 65.7265, 80.0022**, and **29.0242, 19.4071, 19.3557** is the 20% darker color. If you saturate the color by 10%, you get **52.8134, 35.4283, 33.4671**, and if you desaturate by 10%, it is **63.7578, 51.6533, 54.5760**.

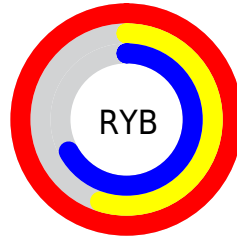
Distribution



Red (100%)

Green (55%)

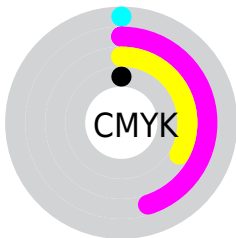
Blue (67%)



Red (100%)

Yellow (55%)

Blue (67%)

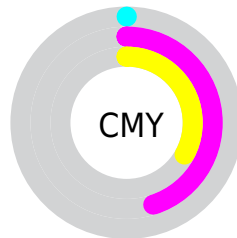


Cyan (0%)

Magenta (45%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7283, 42.6275, 43.2155 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 57.7283, 42.6275, 43.2155 by changing the saturation by 10% instead.


 57.7283, 42.6275,
43.2155


 57.7283, 42.6275,
43.2155


406.1430,
357.0776, 375.4445


 41.8327, 29.5930,
29.7216


 100.6523, 79.1484,
81.3258

 29.1608, 19.5298,
19.3771


 128.4115,
103.4036, 106.7793

 19.3474, 12.0537,
11.7635


 160.8558,
132.1678, 137.0563

 12.0271, 6.7803,
6.4623

198.3507,
165.8254, 172.5755

 6.8344, 3.3251,
3.0549

241.2615,
204.7608, 213.7554

 3.4042, 1.3037,
1.1227

289.9536,

 1.3709, 0.1441,

249.3583, 261.0145

0.0000

344.7923,
300.0025, 314.7713

■ 0.2354, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7283, 42.6275,
43.2155

■ 57.7283, 42.6275,
43.2155

■ 52.8134, 35.4283,
33.4671

■ 63.7578, 51.6533,
54.5760

■ 48.9383, 29.9238,
25.2524

■ 70.9632, 62.6133,
67.6166

■ 46.0243, 25.9742,
18.4901

■ 79.4054, 75.6138,
82.4043

■ 43.9790, 23.4145,
13.0890

■ 89.1401, 90.7519,
99.0018

■ 42.6900, 22.0409, 95.0500, 100.0000,
8.9460 108.9000

■ 42.2876, 21.6790,
7.4465

Harmonies

Analogous

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



55.8893, 42.6275, 68.0806



57.7283, 42.6275, 43.2155



54.4842, 42.6275, 25.8782

Triad

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



57.7283, 42.6275, 43.2155



32.5077, 42.6275, 18.8509



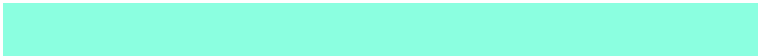
34.2481, 42.6275, 98.0141

Complementary

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



57.7283, 42.6275, 43.2155



59.8640, 82.3917, 83.2735

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.



29.1661, 42.6275, 75.6693



57.7283, 42.6275, 43.2155



28.2572, 42.6275, 29.9142

Square

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



57.7283, 42.6275, 43.2155



39.3833, 42.6275, 15.0393



27.1183, 42.6275, 49.7668



41.6705, 42.6275, 105.0986

Rectangle

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



57.7283, 42.6275, 43.2155



50.0960, 42.6275, 19.1913



27.1183, 42.6275, 49.7668



32.2428, 42.6275, 91.7466

Sweetspot

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



57.7294, 42.6296, 43.2163



80.7703, 77.7279, 84.7570



57.4493, 41.2383, 99.5396



16.8664, 15.9839, 17.4138



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.



57.7294, 42.6296, 43.2163



53.0282, 35.7389, 33.9060



59.2010, 49.7249, 30.9065



18.2087, 18.0668, 19.7160



22.1486, 11.3487, 4.1670



2.1996, 1.1222, 0.6324

Inverse Universe

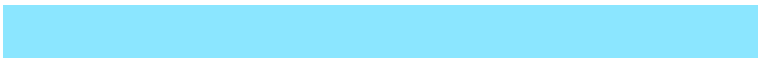
The Inverse Universe completely reimagines the original color for something new.



57.7294, 42.6296, 43.2163



53.0282, 35.7389, 33.9060



56.9588, 69.2299, 104.9684



18.2087, 18.0668, 19.7160



22.1486, 11.3487, 4.1670



2.1996, 1.1222, 0.6324

Previews

White Background



This preview shows how the XYZ color 57.7283, 42.6275, 43.2155 looks on a white background.

Color Contrast Check

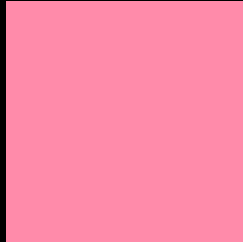
Large Text (above 18pt) WCAG AA × Fail

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 57.7283, 42.6275, 43.2155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

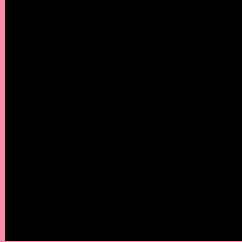
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7283, 42.6275, 43.2155

Background



This preview shows how black text looks on a background with the XYZ color 57.7283, 42.6275, 43.2155.



This preview shows how white text looks on a background with the XYZ color 57.7283, 42.6275,

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

57.7283, 42.6275, 43.2155

Protanopia

41.8859, 42.9885, 54.8052

Deuteranopia

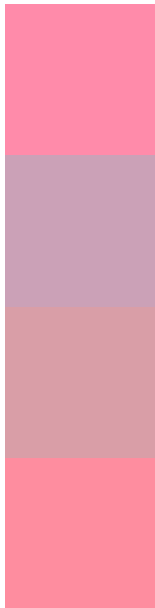
43.7444, 42.8283, 41.5584



Tritanopia

55.8485, 42.4956, 34.9647

Trichromacy



Original Color

57.7283, 42.6275, 43.2155

Protanomaly

45.9207, 41.6051, 50.4101

Deuteranomaly

47.8172, 41.9955, 42.1449

Tritanomaly

56.6559, 42.6238, 38.0420

Monochromacy



Original Color

57.7283, 42.6275, 43.2155

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

45.9140, 42.2295, 45.7756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7283, 42.6275, 43.2155 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, 139, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 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, 139, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 170) }
```

Border

The CSS property to change the border of an element to XYZ 57.7283, 42.6275, 43.2155 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, 139, 170) }
```


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

```
.border{ border-color:rgb(255, 139, 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, 139, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7283, 42.6275, 43.2155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 170) }
```

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

```
.background{ background-color: rgb(255,  
139, 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](#).

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