

Converting Colors

XYZ(57.2749, 43.2697, 43.1852)

Have a look what the booklet for
XYZ(57.2749, 43.2697, 43.1852)
contains.

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Color

**XYZ(57.2230, 43.2426,
43.3609)**

Conversions

Conversions Part 1

Format	Color
Hex	FC8FAA
RGB	252, 143, 170
RGB Percent	99%, 56%, 67%
CMY	0.0118, 0.4392, 0.3333
CMYK	0.00, 0.43, 0.33, 0.01
HSL	345°, 95%, 77%
HSV	345°, 43%, 99%
XYZ	57.2230, 43.2426, 43.3609
YIQ	178.6690, 56.2970, 31.5050

Conversions

Conversions Part 2

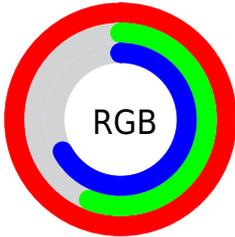
Format	Color
R _{YB}	252, 143, 170
Decimal	16551850
CIE _{Lab}	71.72, 44.10, 4.10
CIE _{LCh}	72, 44.285, 5.307
Yxy	43.2426, 0.3979, 0.3007
Android (android.graphics.Color)	4294741930 (0xFFFC8FAA)
YUV	178.6690, -4.2738, 64.3113
Hunter-Lab	65.7591, 40.2507, 6.9361

Details

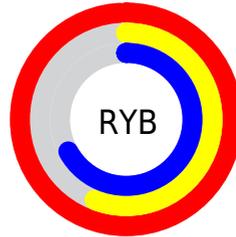
The XYZ color **57.2230, 43.2426, 43.3609** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.7307, 80.8977, 83.7050**, and the grayscale version is **42.6738, 44.8961, 48.8919**.

A 20% lighter version of the original color is **75.0247, 67.0844, 80.2285**, and **28.9185, 19.9578, 19.4676** is the 20% darker color. If you saturate the color by 10%, you get **52.1900, 35.8426, 33.4637**, and if you desaturate by 10%, it is **63.3667, 52.4495, 54.9052**.

Distribution



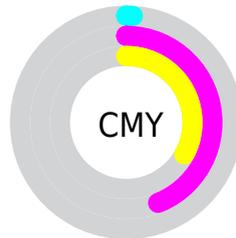
- Red (99%)
- Green (56%)
- Blue (67%)



- Red (99%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (43%)
- Yellow (33%)
- Black (1%)



- Cyan (1%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2230, 43.2426, 43.3609 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 57.2230, 43.2426, 43.3609 by changing the saturation by 10% instead.

 57.2230, 43.2426,
43.3609

 57.2230, 43.2426,
43.3609

404.2851,
359.6085, 376.0586

 41.4251, 30.0755,
29.8349

 99.9200, 80.0768,
81.5474

 28.8406, 19.8959,
19.4623

 127.5498,
104.5127, 107.0449

 19.1039, 12.3194,
11.8246

159.8544,
133.4737, 137.3701

 11.8498, 6.9616,
6.5033

197.1990,
167.3442, 172.9413

 6.7130, 3.4381,
3.0798

239.9490,
206.5085, 214.1773

 3.3280, 1.3645,
1.1355

288.4698,

 1.3295, 0.1903,

251.3511, 261.4965

0.0000

343.1267,
302.2563, 315.3174

■ 0.2051, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2230, 43.2426,
43.3609

■ 57.2230, 43.2426,
43.3609

■ 52.1900, 35.8426,
33.4637

■ 63.3667, 52.4495,
54.9052

■ 48.1954, 30.1235,
25.1340

■ 70.6801, 63.5656,
68.1661

■ 45.1640, 25.9534,
18.2887

■ 79.2222, 76.6928,
83.2120

■ 43.0081, 23.1772,
12.8356

■ 89.0469, 91.9244,
100.1068

■ 41.6226, 21.6074,
8.6707

93.9549, 99.4355,
108.8488

■ 41.0258, 21.0478,
6.5173

Harmonies

Analogous

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



55.6680, 43.2426, 66.5621



57.2230, 43.2426, 43.3609



54.0487, 43.2426, 26.9965

Triad

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



57.2230, 43.2426, 43.3609



33.3063, 43.2426, 20.7540



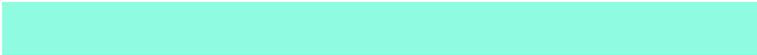
35.3580, 43.2426, 95.5462

Complementary

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



57.2230, 43.2426, 43.3609



59.7307, 80.8977, 83.7050

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.



30.4059, 43.2426, 75.2622



57.2230, 43.2426, 43.3609



29.3263, 43.2426, 31.8327

Square

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



57.2230, 43.2426, 43.3609



39.7794, 43.2426, 16.7411



28.3327, 43.2426, 51.0140



42.4511, 43.2426, 101.4413

Rectangle

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



57.2230, 43.2426, 43.3609



49.8809, 43.2426, 20.6070



28.3327, 43.2426, 51.0140



33.4166, 43.2426, 89.9355

Sweetspot

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



57.2242, 43.2447, 43.3617



81.6128, 79.1395, 85.8812



58.3682, 42.6429, 97.2501



17.0283, 16.2600, 17.6148



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.



57.2242, 43.2447, 43.3617



54.1854, 37.6522, 35.5282



59.5259, 51.5240, 32.7971



17.4209, 17.2957, 18.8062



21.4197, 10.9836, 3.6525



2.0242, 1.0334, 0.5506

Inverse Universe

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



57.2242, 43.2447, 43.3617



54.1854, 37.6522, 35.5282



55.7577, 66.5848, 102.0089



17.4209, 17.2957, 18.8062



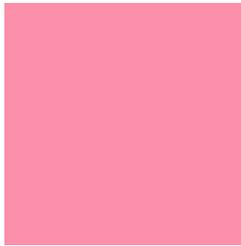
21.4197, 10.9836, 3.6525



2.0242, 1.0334, 0.5506

Previews

White Background



This preview shows how the XYZ color 57.2230, 43.2426, 43.3609 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 57.2230, 43.2426, 43.3609 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 57.2230, 43.2426, 43.3609

Background



This preview shows how black text looks on a background with the XYZ color 57.2230, 43.2426, 43.3609.



This preview shows how white text looks on a background with the XYZ color 57.2230, 43.2426,

43.3609.

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

57.2230, 43.2426, 43.3609

Protanopia

42.4198, 43.5642, 54.3171

Deuteranopia

44.1922, 43.3364, 41.6329



Tritanopia

55.9098, 43.1603, 36.8365

Trichromacy



Original Color

57.2230, 43.2426, 43.3609

Protanomaly

46.4425, 42.4092, 49.9940

Deuteranomaly

48.1611, 42.6833, 42.2596

Tritanomaly

56.1899, 43.0290, 39.0621

Monochromacy



Original Color

57.2230, 43.2426, 43.3609

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

46.9263, 43.5288, 47.0029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2230, 43.2426, 43.3609 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(252, 143, 170)` looks like.

```
.text, #text, p{  
    color:rgb(252, 143, 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(252, 143, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 143, 170) }
```

Border

The CSS property to change the border of an element to XYZ 57.2230, 43.2426, 43.3609 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(252, 143, 170) }
```

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

```
.border{ border-color:rgb(252, 143, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 143, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 143, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 143, 170);  
box-shadow:4px 4px 4px 4px rgb(252, 143,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2230, 43.2426, 43.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 143, 170) }
```

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

```
.background{ background-color: rgb(252,  
143, 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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