

Converting Colors

XYZ(99.5920, 72.0653, 89.8897)

Have a look what the booklet for
XYZ(99.5920, 72.0653, 89.8897)
contains.

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Color

**XYZ(71.8087, 57.7052,
88.2424)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEEE
RGB	255, 174, 238
RGB Percent	100%, 68%, 93%
CMY	0.0000, 0.3176, 0.0667
CMYK	0.00, 0.32, 0.07, 0.00
HSL	313°, 100%, 84%
HSV	313°, 32%, 100%
XYZ	71.8087, 57.7052, 88.2424
YIQ	205.5150, 27.7320, 37.0760

Conversions

Conversions Part 2

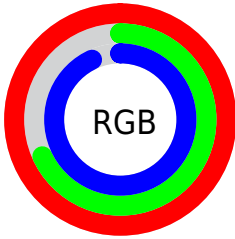
Format	Color
R_{YB}	255, 174, 238
Decimal	16756462
CIE _{Lab}	80.57, 39.12, -19.96
CIE _{LCh}	81, 43.917, 332.969
Yxy	57.7052, 0.3298, 0.2650
Android (android.graphics.Color)	4294946542 (0xFFFFAEEE)
YUV	205.5150, 16.0151, 43.3983
Hunter-Lab	75.9639, 35.7991, -15.6986

Details

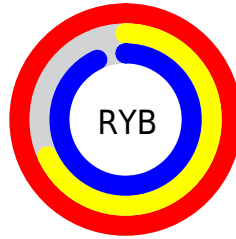
The XYZ color **71.8087, 57.7052, 88.2424** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.6214, 84.2812, 62.2605**, and the grayscale version is **58.2464, 61.2797, 66.7336**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **38.1859, 28.6807, 47.7793** is the 20% darker color. If you saturate the color by 10%, you get **66.5673, 48.4621, 82.6739**, and if you desaturate by 10%, it is **78.0111, 68.8325, 94.2481**.

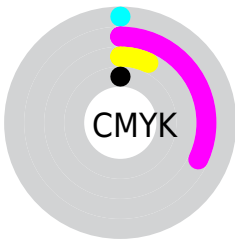
Distribution



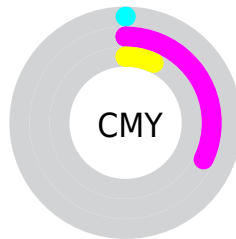
- Red (100%)
- Green (68%)
- Blue (93%)



- Red (100%)
- Yellow (68%)
- Blue (93%)



- Cyan (0%)
- Magenta (32%)
- Yellow (7%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8087, 57.7052, 88.2424 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 71.8087, 57.7052, 88.2424 by changing the saturation by 10% instead.

71.8087, 57.7052,
88.2424

71.8087, 57.7052,
88.2424

456.0435,
416.0865, 542.7186

53.2873, 41.5717,
65.9584

120.7968,
101.4934, 146.8087

38.2606, 28.7661,
47.7823

151.9942,
129.9170, 183.9280

26.3631, 18.9039,
33.2958

188.1477,
163.2059, 226.8295

17.2296, 11.6009,
22.0802

229.6226,
201.7448, 275.9317

10.4946, 6.4725,
13.7169

276.7843,
245.9179, 331.6532

5.7929, 3.1345,
7.7876

329.9981,

2.7590, 1.2023,

296.1096, 394.4125

3.8735

389.6293,
352.7043, 464.6281

■ 1.0276, 0.0636,
1.5562

■ 0.0000, 0.0000,
0.2593

■ 71.8087, 57.7052,
88.2424

■ 71.8087, 57.7052,
88.2424

■ 66.5673, 48.4621,
82.6739

■ 78.0111, 68.8325,
94.2481

■ 62.2299, 40.9899,
77.5202

■ 85.2197, 81.9348,
100.7048

■ 58.7391, 35.1742,
72.7622

■ 93.4816, 97.1055,
107.6299

■ 56.0293, 30.8841,
68.3768

95.0500, 100.0000,
108.9000

■ 54.0250, 27.9690,
64.3379

■ 52.6354, 26.2474,
60.6142

■ 51.8393, 25.4997,
57.7450

Harmonies

Analogous

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



64.8464, 57.7052, 114.4514



71.8087, 57.7052, 88.2424



74.0737, 57.7052, 60.2913

Triad

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



71.8087, 57.7052, 88.2424



53.9529, 57.7052, 25.1114



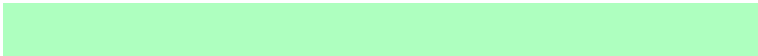
41.5342, 57.7052, 93.9545

Complementary

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



71.8087, 57.7052, 88.2424



62.6214, 84.2812, 62.2605

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.



39.2734, 57.7052, 65.4414



71.8087, 57.7052, 88.2424



45.9324, 57.7052, 29.6701

Square

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



71.8087, 57.7052, 88.2424



63.1208, 57.7052, 28.1359



40.7917, 57.7052, 42.8367



47.3299, 57.7052, 118.3350

Rectangle

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



71.8087, 57.7052, 88.2424



72.4329, 57.7052, 45.3589



40.7917, 57.7052, 42.8367



40.3663, 57.7052, 84.2970

Sweetspot

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



71.8100, 57.7075, 88.2436



86.5980, 84.4558, 101.8908



54.4736, 48.4680, 101.0919



18.2997, 17.6456, 21.6061



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.



71.8100, 57.7075, 88.2436



68.4306, 51.7265, 84.7195



66.6054, 55.6257, 60.8366



18.6198, 18.2312, 21.8808



27.1437, 13.3468, 30.4708



2.6819, 1.3151, 3.1721

Inverse Universe

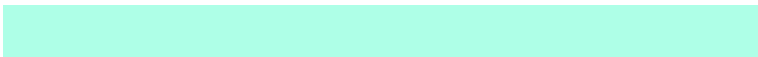
The Inverse Universe completely reimagines the original color for something new.



71.8100, 57.7075, 88.2436



68.4306, 51.7265, 84.7195



67.5986, 86.2720, 88.4700



18.6198, 18.2312, 21.8808



27.1437, 13.3468, 30.4708



2.6819, 1.3151, 3.1721

Previews

White Background



This preview shows how the XYZ color 71.8087, 57.7052, 88.2424 looks on a white background.

Color Contrast Check

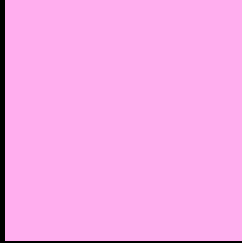
Large Text (above 18pt) WCAG AA × Fail

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 71.8087, 57.7052, 88.2424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

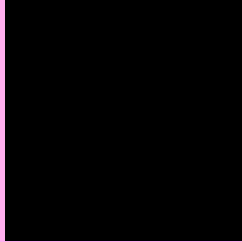
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8087, 57.7052, 88.2424

Background



This preview shows how black text looks on a background with the XYZ color 71.8087, 57.7052, 88.2424.



This preview shows how white text looks on a background with the XYZ color 71.8087, 57.7052,

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

71.8087, 57.7052, 88.2424

Protanopia

58.4938, 58.0473, 102.7290

Deuteranopia

59.2682, 57.8081, 85.8762



Tritanopia

66.1161, 57.7654, 59.8897

Trichromacy



Original Color

71.8087, 57.7052, 88.2424



Protanomaly

62.1604, 57.0836, 97.3646



Deuteranomaly

63.1971, 57.2268, 86.3123



Tritanomaly

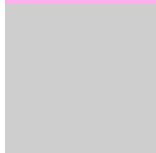
68.0229, 57.6388, 69.1682

Monochromacy



Original Color

71.8087, 57.7052, 88.2424



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

62.6871, 59.4928, 74.5090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8087, 57.7052, 88.2424 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, 174, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 238)  
}
```

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, 174, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 238) }
```

Border

The CSS property to change the border of an element to XYZ 71.8087, 57.7052, 88.2424 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, 174, 238) }
```


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

```
.border{ border-color:rgb(255, 174, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8087, 57.7052, 88.2424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 238) }
```

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

```
.background{ background-color: rgb(255,  
174, 238) }
```

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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