

Converting Colors

XYZ(67.8914, 55.5720, 82.7742)

Have a look what the booklet for
XYZ(67.8914, 55.5720, 82.7742)
contains.

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Color

**XYZ(67.7251, 55.4308,
82.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	F7ADE7
RGB	247, 173, 231
RGB Percent	97%, 68%, 91%
CMY	0.0314, 0.3215, 0.0941
CMYK	0.00, 0.30, 0.06, 0.03
HSL	313°, 82%, 82%
HSV	313°, 30%, 97%
XYZ	67.7251, 55.4308, 82.7310
YIQ	201.7380, 25.4860, 33.7260

Conversions

Conversions Part 2

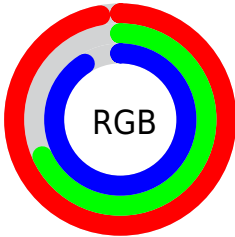
Format	Color
RYB	247, 173, 231
Decimal	16231911
CIELab	79.29, 35.86, -18.21
CIELCh	79, 40.219, 333.078
Yxy	55.4308, 0.3289, 0.2692
Android (android.graphics.Color)	4294421991 (0xFFFF7ADE7)
YUV	201.7380, 14.4262, 39.6948
Hunter-Lab	74.4519, 32.0817, -13.7668

Details

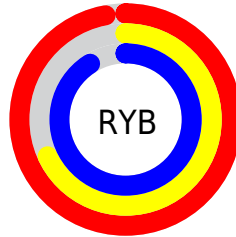
The XYZ color **67.7251, 55.4308, 82.7310** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.6819, 79.0815, 60.2661**, and the grayscale version is **55.8791, 58.7892, 64.0214**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **35.6895, 27.4752, 43.9796** is the 20% darker color. If you saturate the color by 10%, you get **62.6769, 46.5225, 77.3835**, and if you desaturate by 10%, it is **73.6751, 66.1042, 88.4939**.

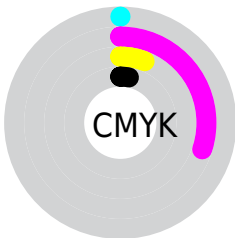
Distribution



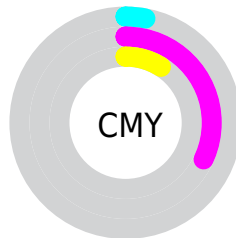
- Red (97%)
- Green (68%)
- Blue (91%)



- Red (97%)
- Yellow (68%)
- Blue (91%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (32%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7251, 55.4308, 82.7310 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 67.7251, 55.4308, 82.7310 by changing the saturation by 10% instead.


 67.7251, 55.4308,
82.7310

 67.7251, 55.4308,
82.7310


441.9134,
407.5429, 524.0371

 49.9470, 39.7467,
61.4289


 115.0029, 98.1719,
139.0445

 35.5889, 27.3411,
44.1386


145.2332,
125.9976, 174.8930

 24.2855, 17.8296,
30.4415


180.3450,
158.6395, 216.4275

 15.6714, 10.8277,
19.9191

220.7037,
196.4817, 264.0663

 9.3813, 5.9511,
12.1527

266.6745,
239.9088, 318.2282

 5.0498, 2.8154,
6.7240

318.6228,

 2.3116, 1.0361,

289.3051, 379.3316

3.2143

376.9140,
345.0550, 447.7950

■ 0.8006, 0.0000,
1.2051

■ 0.0000, 0.0000,
0.0000

■ 67.7251, 55.4308,
82.7310

■ 67.7251, 55.4308,
82.7310

■ 62.6769, 46.5225,
77.3835

■ 73.6751, 66.1042,
88.4939

■ 58.4771, 39.2752,
72.4308

■ 80.5668, 78.6246,
94.6846

■ 55.0740, 33.5853,
67.8552

■ 88.4436, 93.0777,
101.3193

■ 52.4084, 29.3345,
63.6360

■ 91.7467, 98.3458,
106.5459

■ 50.4124, 26.3874,
59.7495

■ 92.1682, 98.5144,
108.7651

■ 49.0053, 24.5828,
56.1678

■ 48.0537, 23.6544,
52.8453

■ 48.0500, 23.6511,
52.8315

Harmonies

Analogous

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



61.5920, 55.4308, 105.6361



67.7251, 55.4308, 82.7310



69.7006, 55.4308, 58.0057

Triad

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



67.7251, 55.4308, 82.7310



51.8586, 55.4308, 26.0313



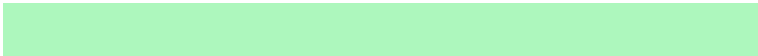
40.7515, 55.4308, 87.9231

Complementary

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



67.7251, 55.4308, 82.7310



59.6819, 79.0815, 60.2661

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.



38.6924, 55.4308, 62.7663



67.7251, 55.4308, 82.7310



44.6815, 55.4308, 30.3110

Square

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



67.7251, 55.4308, 82.7310



60.0083, 55.4308, 28.8319



40.0553, 55.4308, 42.4275



45.9837, 55.4308, 109.1307

Rectangle

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



67.7251, 55.4308, 82.7310



68.2451, 55.4308, 44.5937



40.0553, 55.4308, 42.4275



39.6909, 55.4308, 79.4503

Sweetspot

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



67.7268, 55.4333, 82.7322



87.3719, 85.9059, 102.4498



52.4243, 47.2714, 94.3578



18.4530, 17.9341, 21.7132



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.



67.7268, 55.4333, 82.7322



69.3898, 53.5323, 85.3864



63.1763, 53.6131, 58.7696



17.0512, 16.7033, 20.0163



25.4666, 12.5301, 28.2291



2.2755, 1.1162, 2.6770

Inverse Universe

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



67.7268, 55.4333, 82.7322



69.3898, 53.5323, 85.3864



64.0596, 80.8326, 83.3189



17.0512, 16.7033, 20.0163



25.4666, 12.5301, 28.2291



2.2755, 1.1162, 2.6770

Previews

White Background



This preview shows how the XYZ color 67.7251, 55.4308, 82.7310 looks on a white background.

Color Contrast Check

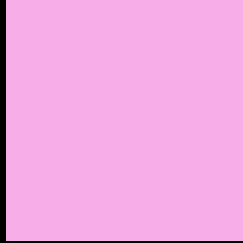
Large Text (above 18pt) WCAG AA × Fail

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 67.7251, 55.4308, 82.7310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

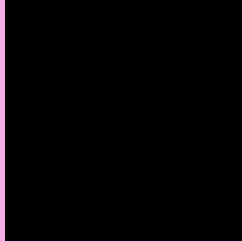
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7251, 55.4308, 82.7310

Background



This preview shows how black text looks on a background with the XYZ color 67.7251, 55.4308, 82.7310.



This preview shows how white text looks on a background with the XYZ color 67.7251, 55.4308,

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

67.7251, 55.4308, 82.7310

Protanopia

55.9168, 55.8744, 95.0265

Deuteranopia

56.8022, 55.6628, 80.4233



Tritanopia

62.6768, 55.4148, 58.4316

Trichromacy



Original Color

67.7251, 55.4308, 82.7310



Protanomaly

59.3796, 55.1569, 90.7358



Deuteranomaly

60.2660, 55.2048, 80.8780



Tritanomaly

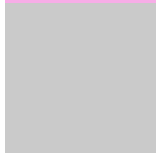
64.2929, 55.1824, 66.2941

Monochromacy



Original Color

67.7251, 55.4308, 82.7310



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.5545, 56.9711, 70.8085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7251, 55.4308, 82.7310 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(247, 173, 231)` looks like.

```
.text, #text, p{  
    color:rgb(247, 173, 231)  
}
```

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(247, 173, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 173, 231) }
```

Border

The CSS property to change the border of an element to XYZ 67.7251, 55.4308, 82.7310 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(247, 173, 231) }
```


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

```
.border{ border-color:rgb(247, 173, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 173, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 173, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 173, 231);  
box-shadow:4px 4px 4px 4px rgb(247, 173,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7251, 55.4308, 82.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 173, 231) }
```

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

```
.background{ background-color: rgb(247,  
173, 231) }
```

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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