

Converting Colors

XYZ(106.6502, 75.8775,
63.3411)

Have a look what the booklet for
XYZ(106.6502, 75.8775, 63.3411)
contains.

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Color

**XYZ(66.4924, 55.2707,
61.1966)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFADC7 |
| RGB | 255, 173, 199 |
| RGB Percent | 100%, 68%, 78% |
| CMY | 0.0000, 0.3215, 0.2196 |
| CMYK | 0.00, 0.32, 0.22, 0.00 |
| HSL | 341°, 100%, 84% |
| HSV | 341°, 32%, 100% |
| XYZ | 66.4924, 55.2707, 61.1966 |
| YIQ | 200.4820, 40.5260, 25.4700 |

Conversions

Conversions Part 2

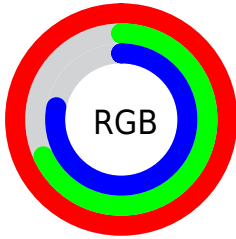
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 173, 199 |
| Decimal | 16756167 |
| CIE Lab | 79.20, 33.53, -0.92 |
| CIE LCh | 79, 33.543, 358.431 |
| Yxy | 55.2707, 0.3634, 0.3021 |
| Android (android.graphics.Color) | 4294946247 (0xFFFFADC7) |
| YUV | 200.4820, -0.7306, 47.8123 |
| Hunter-Lab | 74.3443, 29.5453, 3.2363 |

Details

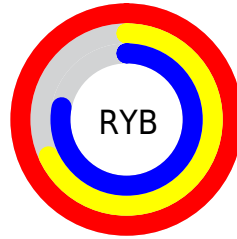
The XYZ color **66.4924, 55.2707, 61.1966** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.1386, 86.0624, 87.2057**, and the grayscale version is **55.1850, 58.0590, 63.2262**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **34.8533, 27.3476, 30.2297** is the 20% darker color. If you saturate the color by 10%, you get **60.1534, 45.6456, 49.6717**, and if you desaturate by 10%, it is **73.9987, 66.8595, 74.2536**.

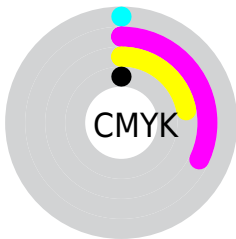
Distribution



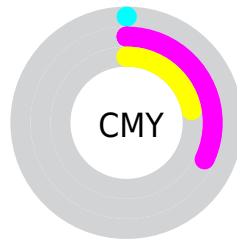
- Red (100%)
- Green (68%)
- Blue (78%)



- Red (100%)
- Yellow (68%)
- Blue (78%)



- Cyan (0%)
- Magenta (32%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4924, 55.2707, 61.1966 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 66.4924, 55.2707, 61.1966 by changing the saturation by 10% instead.

66.4924, 55.2707,
61.1966

66.4924, 55.2707,
61.1966

437.5967,
406.9372, 446.9210

48.9414, 39.6185,
43.9523

113.2466, 97.9375,
108.1238

34.7873, 27.2412,
30.2961

143.1805,
125.7208, 138.6438

23.6649, 17.7545,
19.8095

177.9728,
158.3167, 174.4261

15.2086, 10.7739,
12.0739

217.9887,
196.1094, 215.8893

9.0532, 5.9150,
6.6709

263.5937,
239.4834, 263.4518

4.8333, 2.7934,
3.1818


315.1532,


2.1835, 1.0249,


288.8232, 317.5322


1.1882


373.0324,
344.5130, 378.5491

 0.7340, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 66.4924, 55.2707,
61.1966


 66.4924, 55.2707,
61.1966


 60.1534, 45.6456,
49.6717


 73.9987, 66.8595,
74.2536

 54.9165, 37.8671,
39.6171

 82.7246, 80.5056,
88.8948

 50.7164, 31.8173,
30.9710

 92.7242, 96.3056,
105.1737

 47.4786, 27.3613,
23.6659

95.0500, 100.0000,
108.9000

■ 45.1182, 24.3438,
17.6276

■ 43.5335, 22.5778,
12.7729

■ 42.7193, 21.8517,
9.7201

Harmonies

Analogous

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



64.2918, 55.2707, 81.6371



66.4924, 55.2707, 61.1966



64.6964, 55.2707, 44.2681

Triad

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



66.4924, 55.2707, 61.1966



46.6352, 55.2707, 33.2159



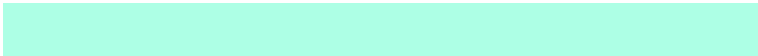
46.0730, 55.2707, 97.4074

Complementary

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



66.4924, 55.2707, 61.1966



67.1386, 86.0624, 87.2057

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.



41.9987, 55.2707, 79.5110



66.4924, 55.2707, 61.1966



42.3034, 55.2707, 42.8570

Square

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



66.4924, 55.2707, 61.1966



52.8868, 55.2707, 30.3196



40.6786, 55.2707, 59.1755



52.1811, 55.2707, 105.1104

Rectangle

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



66.4924, 55.2707, 61.1966



61.5535, 55.2707, 36.5819



40.6786, 55.2707, 59.1755



44.4401, 55.2707, 92.2200

Sweetspot

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



66.4937, 55.2732, 61.1977



84.7695, 83.7244, 92.2617



64.8847, 53.5495, 101.5240



17.8572, 17.4686, 19.2758



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.



66.4937, 55.2732, 61.1977



62.0312, 48.4774, 53.1457



66.4843, 59.6790, 47.5535



18.2466, 18.0820, 19.9159



22.3812, 11.4418, 5.3920



2.2263, 1.1329, 0.7730

Inverse Universe

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



66.4937, 55.2732, 61.1977



62.0312, 48.4774, 53.1457



66.8394, 79.2137, 106.3747



18.2466, 18.0820, 19.9159



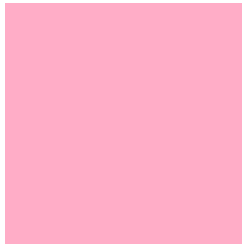
22.3812, 11.4418, 5.3920



2.2263, 1.1329, 0.7730

Previews

White Background



This preview shows how the XYZ color 66.4924, 55.2707, 61.1966 looks on a white background.

Color Contrast Check

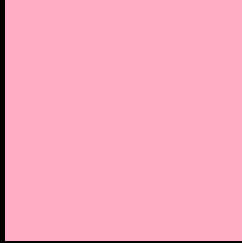
Large Text (above 18pt) WCAG AA × Fail

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 66.4924, 55.2707, 61.1966 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 66.4924, 55.2707, 61.1966

Background



This preview shows how black text looks on a background with the XYZ color 66.4924, 55.2707, 61.1966.



This preview shows how white text looks on a background with the XYZ color 66.4924, 55.2707,

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

66.4924, 55.2707, 61.1966

Protanopia

53.9044, 55.3858, 70.1368

Deuteranopia

56.6962, 55.4114, 59.9318



Tritanopia

65.2801, 55.3616, 54.8222

Trichromacy



Original Color

66.4924, 55.2707, 61.1966



Protanomaly

57.6481, 54.7974, 66.5700



Deuteranomaly

59.8517, 55.1352, 60.3110



Tritanomaly

65.5235, 55.1487, 57.0605

Monochromacy



Original Color

66.4924, 55.2707, 61.1966



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.3540, 56.2127, 62.4181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4924, 55.2707, 61.1966 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, 173, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 199)  
}
```

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, 173, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 199) }
```

Border

The CSS property to change the border of an element to XYZ 66.4924, 55.2707, 61.1966 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, 173, 199) }
```


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

```
.border{ border-color:rgb(255, 173, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4924, 55.2707, 61.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 199) }
```

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

```
.background{ background-color: rgb(255,  
173, 199) }
```

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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