

Converting Colors

XYZ(66.9726, 55.5857, 63.3466)

Have a look what the booklet for
XYZ(66.9726, 55.5857, 63.3466)
contains.

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Color

**XYZ(66.8442, 55.4114,
63.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADCA
RGB	255, 173, 202
RGB Percent	100%, 68%, 79%
CMY	0.0000, 0.3215, 0.2078
CMYK	0.00, 0.32, 0.21, 0.00
HSL	339°, 100%, 84%
HSV	339°, 32%, 100%
XYZ	66.8442, 55.4114, 63.0495
YIQ	200.8240, 39.5630, 26.4030

Conversions

Conversions Part 2

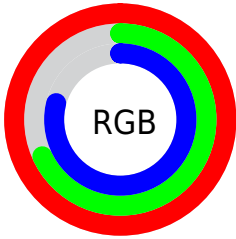
Format	Color
R_{YB}	255, 173, 202
Decimal	16756170
CIE Lab	79.28, 33.96, -2.43
CIE LCh	79, 34.051, 355.910
Yxy	55.4114, 0.3607, 0.2990
Android (android.graphics.Color)	4294946250 (0xFFFFADCA)
YUV	200.8240, 0.5798, 47.5124
Hunter-Lab	74.4388, 30.0205, 1.8887

Details

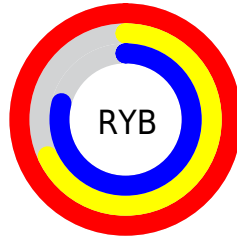
The XYZ color **66.8442, 55.4114, 63.0495** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.7232, 85.8962, 85.0182**, and the grayscale version is **55.3890, 58.2736, 63.4599**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **35.0877, 27.4414, 31.4644** is the 20% darker color. If you saturate the color by 10%, you get **60.5644, 45.8100, 51.8366**, and if you desaturate by 10%, it is **74.2683, 66.9674, 75.6737**.

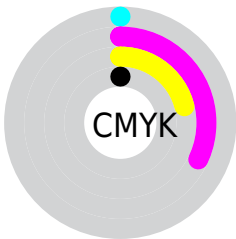
Distribution



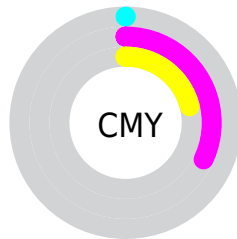
- Red (100%)
- Green (68%)
- Blue (79%)



- Red (100%)
- Yellow (68%)
- Blue (79%)



- Cyan (0%)
- Magenta (32%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.8442, 55.4114, 63.0495 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 66.8442, 55.4114, 63.0495 by changing the saturation by 10% instead.


 66.8442, 55.4114,
63.0495

 66.8442, 55.4114,
63.0495

438.8312,
407.4695, 453.8620

 49.2283, 39.7312,
45.4400


 113.7482, 98.1435,
110.8272

 35.0159, 27.3290,
31.4587


143.7669,
125.9641, 141.8325

 23.8417, 17.8205,
20.6870


178.6506,
158.6004, 178.1401

 15.3403, 10.8212,
12.7064

218.7646,
196.4366, 220.1685

 9.1464, 5.9467,
7.0983

264.4744,
239.8573, 268.3364

 4.8947, 2.8127,
3.4443


316.1451,

 2.2197, 1.0348,


289.2467, 323.0623


1.3257


374.1423,
344.9893, 384.7646


 0.7531, 0.0000,
0.0827


 0.0000, 0.0000,
0.0000


 66.8442, 55.4114,
63.0495


 66.8442, 55.4114,
63.0495


 60.5644, 45.8100,
51.8366


 74.2683, 66.9674,
75.6737

 55.3651, 38.0465,
41.9794

 82.8879, 80.5709,
89.7549

 51.1821, 32.0036,
33.4236

 92.7559, 96.3182,
105.3409

 47.9426, 27.5469,
26.1091

95.0500, 100.0000,
108.9000

■ 45.5630, 24.5217,
19.9702

■ 43.9437, 22.7419,
14.9332

■ 43.0929, 22.0011,
11.6871

Harmonies

Analogous

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



64.2779, 55.4114, 83.9003



66.8442, 55.4114, 63.0495



65.3510, 55.4114, 45.3799

Triad

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



66.8442, 55.4114, 63.0495



47.1475, 55.4114, 32.4876



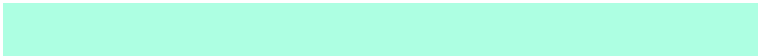
45.6601, 55.4114, 97.0433

Complementary

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



66.8442, 55.4114, 63.0495



66.7232, 85.8962, 85.0182

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.



41.7404, 55.4114, 78.2569



66.8442, 55.4114, 63.0495



42.5457, 55.4114, 41.6532

Square

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



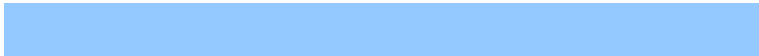
66.8442, 55.4114, 63.0495



53.6068, 55.4114, 30.1150



40.6508, 55.4114, 57.6968



51.7380, 55.4114, 106.0267

Rectangle

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



66.8442, 55.4114, 63.0495



62.3179, 55.4114, 37.1992



40.6508, 55.4114, 57.6968



44.0676, 55.4114, 91.4917

Sweetspot

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



66.8456, 55.4139, 63.0506



84.9066, 83.7792, 92.9840



64.0261, 53.1068, 101.4838



17.8902, 17.4818, 19.4498



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.



66.8456, 55.4139, 63.0506



62.4260, 48.6354, 55.2249



65.9112, 58.5329, 47.3625



18.2747, 18.0932, 20.0635



22.5809, 11.5217, 6.4436



2.2482, 1.1417, 0.8887

Inverse Universe

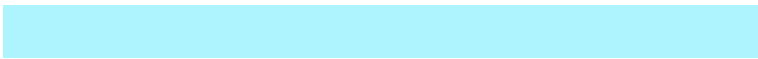
The Inverse Universe completely reimagines the original color for something new.



66.8456, 55.4139, 63.0506



62.4260, 48.6354, 55.2249



67.6560, 80.8470, 106.6469



18.2747, 18.0932, 20.0635



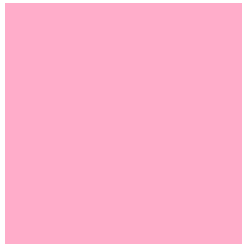
22.5809, 11.5217, 6.4436



2.2482, 1.1417, 0.8887

Previews

White Background



This preview shows how the XYZ color 66.8442, 55.4114, 63.0495 looks on a white background.

Color Contrast Check

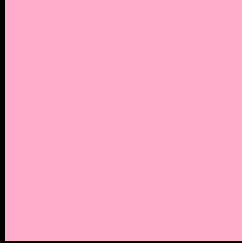
Large Text (above 18pt) WCAG AA × Fail

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 66.8442, 55.4114, 63.0495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

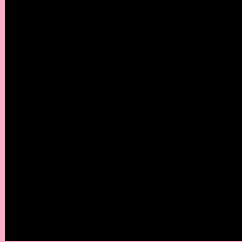
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.8442, 55.4114, 63.0495

Background



This preview shows how black text looks on a background with the XYZ color 66.8442, 55.4114, 63.0495.



This preview shows how white text looks on a background with the XYZ color 66.8442, 55.4114,

63.0495.

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

66.8442, 55.4114, 63.0495

Protanopia

54.4155, 55.5902, 72.8277

Deuteranopia

56.9639, 55.8322, 61.8072



Tritanopia

65.3883, 55.4049, 55.3920

Trichromacy



Original Color

66.8442, 55.4114, 63.0495



Protanomaly

58.1435, 54.9955, 69.1787



Deuteranomaly

60.1989, 55.2741, 62.1397



Tritanomaly

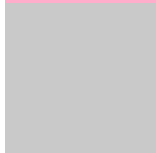
65.7467, 55.2380, 58.2357

Monochromacy



Original Color

66.8442, 55.4114, 63.0495



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

58.9922, 56.8508, 63.1224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8442, 55.4114, 63.0495 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 202) }
```

Border

The CSS property to change the border of an element to XYZ 66.8442, 55.4114, 63.0495 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, 202) }
```


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

```
.border{ border-color:rgb(255, 173, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8442, 55.4114, 63.0495 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
173, 202) }
```

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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