

Converting Colors

XYZ(65.9817, 55.3754, 57.5552)

Have a look what the booklet for
XYZ(65.9817, 55.3754, 57.5552)
contains.

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Color

**XYZ(66.0017, 55.3824,
57.6633)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEC1
RGB	255, 174, 193
RGB Percent	100%, 68%, 76%
CMY	0.0000, 0.3176, 0.2431
CMYK	0.00, 0.32, 0.24, 0.00
HSL	346°, 100%, 84%
HSV	346°, 32%, 100%
XYZ	66.0017, 55.3824, 57.6633
YIQ	200.3850, 42.1770, 23.0810

Conversions

Conversions Part 2

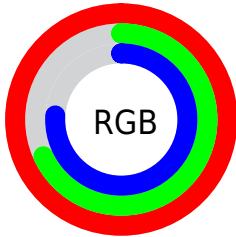
Format	Color
R _Y B	255, 174, 193
Decimal	16756417
CIE Lab	79.26, 32.16, 2.43
CIE LCh	79, 32.251, 4.324
Yxy	55.3824, 0.3686, 0.3093
Android (android.graphics.Color)	4294946497 (0xFFFFAEC1)
YUV	200.3850, -3.6408, 47.8974
Hunter-Lab	74.4194, 28.0758, 6.1531

Details

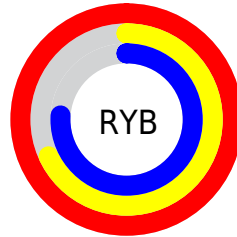
The XYZ color **66.0017, 55.3824, 57.6633** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.3581, 86.5759, 92.4689**, and the grayscale version is **55.1419, 58.0135, 63.1767**.

A 20% lighter version of the original color is **86.6357, 84.6932, 101.4038**, and **34.5970, 27.4385, 28.2836** is the 20% darker color. If you saturate the color by 10%, you get **59.4990, 45.6349, 45.4524**, and if you desaturate by 10%, it is **73.7297, 67.1201, 71.7019**.

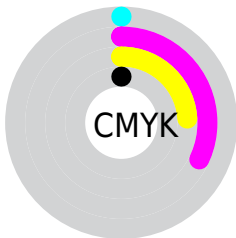
Distribution



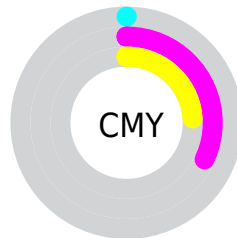
- Red (100%)
- Green (68%)
- Blue (76%)



- Red (100%)
- Yellow (68%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0017, 55.3824, 57.6633 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 66.0017, 55.3824, 57.6633 by changing the saturation by 10% instead.


 66.0017, 55.3824,
57.6633

 66.0017, 55.3824,
57.6633


435.8715,
407.3598, 433.4933

 48.5415, 39.7080,
41.1251


 112.5465, 98.1010,
102.9423

 34.4689, 27.3109,
28.0964


142.3618,
125.9140, 132.5202

 23.4187, 17.8069,
18.1587

177.0261,
158.5419, 167.2818

 15.0253, 10.8114,
10.8934

216.9049,
196.3692, 207.6455

 8.9236, 5.9402,
5.8819

262.3635,
239.7802, 254.0300

 4.7481, 2.8087,
2.7058


313.7672,

 2.1335, 1.0327,

289.1594, 306.8538

0.9463


371.4814,
344.8912, 366.5354


 0.7073, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 66.0017, 55.3824,
57.6633


 66.0017, 55.3824,
57.6633


 59.4990, 45.6349,
45.4524


 73.7297, 67.1201,
71.7019

 54.1533, 37.7594,
34.9893

 82.7382, 80.9425,
87.6369

 49.8956, 31.6369,
26.1930

 93.0843, 96.9469,
105.5371

 46.6478, 27.1316,
18.9746

95.0500, 100.0000,
108.9000

■ 44.3208, 24.0874,
13.2361

■ 42.8087, 22.3167,
8.8675

■ 42.0504, 21.5842,
6.1976

Harmonies

Analogous

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



64.6282, 55.3824, 77.0404



66.0017, 55.3824, 57.6633



63.5619, 55.3824, 42.4076

Triad

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



66.0017, 55.3824, 57.6633



45.9504, 55.3824, 35.4651



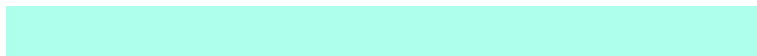
47.4458, 55.3824, 98.3177

Complementary

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



66.0017, 55.3824, 57.6633



68.3581, 86.5759, 92.4689

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.



43.0457, 55.3824, 82.6321



66.0017, 55.3824, 57.6633



42.2331, 55.3824, 46.1827

Square

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



66.0017, 55.3824, 57.6633



51.7097, 55.3824, 31.3630



41.2143, 55.3824, 63.0200



53.5800, 55.3824, 103.1126

Rectangle

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



66.0017, 55.3824, 57.6633



60.2096, 55.3824, 35.8038



41.2143, 55.3824, 63.0200



45.7317, 55.3824, 94.0061

Sweetspot

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



66.0031, 55.3849, 57.6644



84.4628, 83.6017, 90.6466



67.3663, 55.1145, 101.6953



17.7834, 17.4391, 18.8873



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.



66.0031, 55.3849, 57.6644



61.8065, 49.0769, 49.8373



68.2292, 63.0134, 48.6145



18.1839, 18.0569, 19.5856



22.0196, 11.2971, 3.4877



2.1840, 1.1160, 0.5504

Inverse Universe

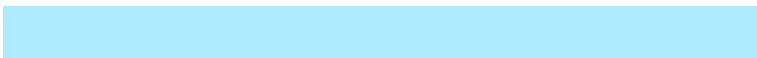
The Inverse Universe completely reimagines the original color for something new.



66.0031, 55.3849, 57.6644



61.8065, 49.0769, 49.8373



65.1443, 75.4940, 105.7461



18.1839, 18.0569, 19.5856



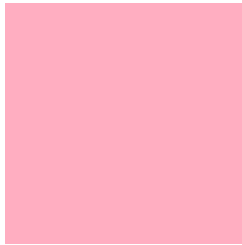
22.0196, 11.2971, 3.4877



2.1840, 1.1160, 0.5504

Previews

White Background



This preview shows how the XYZ color 66.0017, 55.3824, 57.6633 looks on a white background.

Color Contrast Check

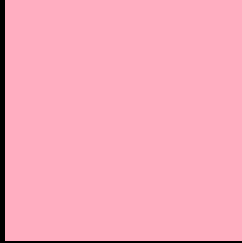
Large Text (above 18pt) WCAG AA × Fail

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 66.0017, 55.3824, 57.6633 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 66.0017, 55.3824, 57.6633

Background



This preview shows how black text looks on a background with the XYZ color 66.0017, 55.3824, 57.6633.



This preview shows how white text looks on a background with the XYZ color 66.0017, 55.3824,

57.6633.

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

66.0017, 55.3824, 57.6633

Protanopia

54.1692, 55.9419, 66.3354

Deuteranopia

56.6212, 55.4500, 56.4339



Tritanopia

65.2801, 55.3616, 54.8222

Trichromacy



Original Color

66.0017, 55.3824, 57.6633



Protanomaly

57.7393, 55.2436, 62.8782



Deuteranomaly

59.4995, 55.0315, 56.7764



Tritanomaly

65.4973, 55.4485, 55.9657

Monochromacy



Original Color

66.0017, 55.3824, 57.6633



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.2240, 56.5085, 60.6618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0017, 55.3824, 57.6633 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 193) }
```

Border

The CSS property to change the border of an element to XYZ 66.0017, 55.3824, 57.6633 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, 193) }
```


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

```
.border{ border-color:rgb(255, 174, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0017, 55.3824, 57.6633 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
174, 193) }
```

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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