

Converting Colors

XYZ(78.2429, 61.5470, 61.7163)

Have a look what the booklet for
XYZ(78.2429, 61.5470, 61.7163)
contains.

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Color

**XYZ(66.6849, 55.6556,
61.2608)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFAEC7 |
| RGB | 255, 174, 199 |
| RGB Percent | 100%, 68%, 78% |
| CMY | 0.0000, 0.3176, 0.2196 |
| CMYK | 0.00, 0.32, 0.22, 0.00 |
| HSL | 341°, 100%, 84% |
| HSV | 341°, 32%, 100% |
| XYZ | 66.6849, 55.6556, 61.2608 |
| YIQ | 201.0690, 40.2510, 24.9470 |

Conversions

Conversions Part 2

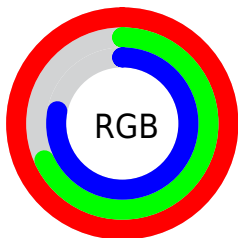
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 174, 199 |
| Decimal | 16756423 |
| CIE Lab | 79.42, 33.01, -0.60 |
| CIE LCh | 79, 33.013, 358.965 |
| Yxy | 55.6556, 0.3632, 0.3031 |
| Android (android.graphics.Color) | 4294946503 (0xFFFFAEC7) |
| YUV | 201.0690, -1.0200, 47.2975 |
| Hunter-Lab | 74.6027, 29.0006, 3.5353 |

Details

The XYZ color **66.6849, 55.6556, 61.2608** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.5006, 86.2328, 87.9535**, and the grayscale version is **55.5500, 58.4429, 63.6443**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **34.9742, 27.5894, 30.2700** is the 20% darker color. If you saturate the color by 10%, you get **60.2881, 45.9504, 49.6075**, and if you desaturate by 10%, it is **74.2566, 67.3308, 74.4772**.

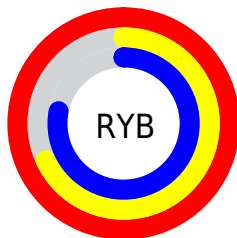
Distribution



Red (100%)

Green (68%)

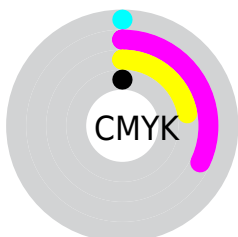
Blue (78%)



Red (100%)

Yellow (68%)

Blue (78%)

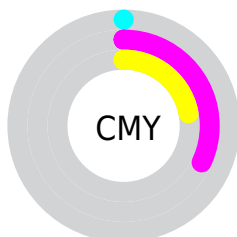


Cyan (0%)

Magenta (32%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6849, 55.6556, 61.2608 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 66.6849, 55.6556, 61.2608 by changing the saturation by 10% instead.


 66.6849, 55.6556,
61.2608

 66.6849, 55.6556,
61.2608


438.2725,
408.3923, 447.1626

 49.0984, 39.9269,
44.0038


 113.5211, 98.5008,
108.2177

 34.9124, 27.4815,
30.3362


143.5014,
126.3862, 138.7546

 23.7616, 17.9352,
19.8397

178.3437,
159.0924, 174.5552

 15.2806, 10.9035,
12.0957

218.4134,
197.0041, 216.0380

 9.1042, 6.0020,
6.6855

264.0757,
240.5055, 263.6216

 4.8668, 2.8463,
3.1908


315.6961,

 2.2033, 1.0520,


289.9811, 317.7246


1.1929


373.6399,
345.8152, 378.7654


 0.7445, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 66.6849, 55.6556,
61.2608


 66.6849, 55.6556,
61.2608


 60.2881, 45.9504,
49.6075


 74.2566, 67.3308,
74.4772

 55.0011, 38.0984,
39.4539

 83.0559, 81.0694,
89.3101

 50.7584, 31.9820,
30.7367

 93.1368, 96.9677,
105.8144

 47.4857, 27.4667,
23.3866

95.0500, 100.0000,
108.9000

■ 45.0978, 24.3981,
17.3276

■ 43.4937, 22.5907,
12.4746

■ 42.6402, 21.8201,
9.3032

Harmonies

Analogous

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



64.5819, 55.6556, 81.4212



66.6849, 55.6556, 61.2608



64.8451, 55.6556, 44.5934

Triad

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



66.6849, 55.6556, 61.2608



46.9667, 55.6556, 33.9568



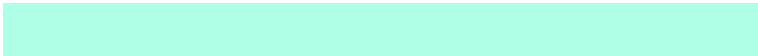
46.5996, 55.6556, 97.5424

Complementary

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



66.6849, 55.6556, 61.2608



67.5006, 86.2328, 87.9535

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.



42.5183, 55.6556, 80.0395



66.6849, 55.6556, 61.2608



42.7175, 55.6556, 43.6696

Square

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



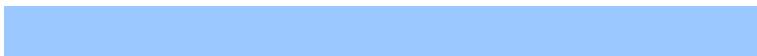
66.6849, 55.6556, 61.2608



53.1294, 55.6556, 30.9525



41.1574, 55.6556, 59.9430



52.6692, 55.6556, 104.8836

Rectangle

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



66.6849, 55.6556, 61.2608



61.7105, 55.6556, 37.0360



41.1574, 55.6556, 59.9430



44.9689, 55.6556, 92.4939

Sweetspot

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



66.6862, 55.6581, 61.2619



84.7380, 83.7118, 92.0958



65.6128, 54.2105, 101.6132



17.8496, 17.4656, 19.2359



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.



66.6862, 55.6581, 61.2619



62.5614, 49.3789, 53.8128



67.0470, 60.6491, 48.2202



18.2402, 18.0794, 19.8820



22.3387, 11.4248, 5.1683



2.2215, 1.1310, 0.7479

Inverse Universe

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



66.6862, 55.6581, 61.2619



62.5614, 49.3789, 53.8128



66.7115, 78.6286, 106.2685



18.2402, 18.0794, 19.8820



22.3387, 11.4248, 5.1683



2.2215, 1.1310, 0.7479

Previews

White Background



This preview shows how the XYZ color 66.6849, 55.6556, 61.2608 looks on a white background.

Color Contrast Check

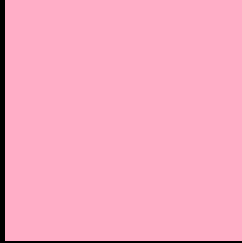
Large Text (above 18pt) WCAG AA × Fail

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 66.6849, 55.6556, 61.2608 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 66.6849, 55.6556, 61.2608

Background



This preview shows how black text looks on a background with the XYZ color 66.6849, 55.6556, 61.2608.



This preview shows how white text looks on a background with the XYZ color 66.6849, 55.6556,

61.2608.

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

66.6849, 55.6556, 61.2608

Protanopia

54.3885, 55.9691, 70.2239

Deuteranopia

56.9135, 55.8461, 60.0043



Tritanopia

65.5837, 55.7956, 55.4571

Trichromacy



Original Color

66.6849, 55.6556, 61.2608

Protanomaly

57.8610, 55.2231, 66.6410

Deuteranomaly

60.0601, 55.5521, 60.3804

Tritanomaly

65.8287, 55.5810, 57.7107

Monochromacy



Original Color

66.6849, 55.6556, 61.2608

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.8749, 56.8039, 62.5048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6849, 55.6556, 61.2608 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 199) }
```

Border

The CSS property to change the border of an element to XYZ 66.6849, 55.6556, 61.2608 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, 199) }
```


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

```
.border{ border-color:rgb(255, 174, 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, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6849, 55.6556, 61.2608 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, 199) }
```

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

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