

Converting Colors

XYZ(66.2022, 55.5727, 58.1302)

Have a look what the booklet for
XYZ(66.2022, 55.5727, 58.1302)
contains.

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Color

**XYZ(66.1137, 55.4271,
58.2529)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEC2
RGB	255, 174, 194
RGB Percent	100%, 68%, 76%
CMY	0.0000, 0.3176, 0.2392
CMYK	0.00, 0.32, 0.24, 0.00
HSL	345°, 100%, 84%
HSV	345°, 32%, 100%
XYZ	66.1137, 55.4271, 58.2529
YIQ	200.4990, 41.8560, 23.3920

Conversions

Conversions Part 2

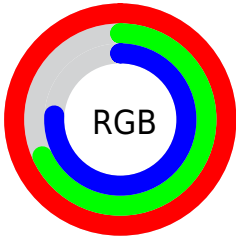
Format	Color
R_{YB}	255, 174, 194
Decimal	16756418
CIE _{Lab}	79.29, 32.30, 1.93
CIE _{LCh}	79, 32.357, 3.413
Yxy	55.4271, 0.3677, 0.3083
Android (android.graphics.Color)	4294946498 (0xFFFFAEC2)
YUV	200.4990, -3.2040, 47.7974
Hunter-Lab	74.4494, 28.2279, 5.7231

Details

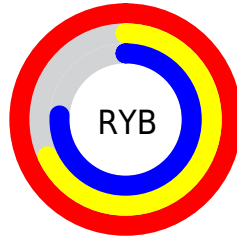
The XYZ color **66.1137, 55.4271, 58.2529** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.2130, 86.5178, 91.7054**, and the grayscale version is **55.2097, 58.0849, 63.2544**.

A 20% lighter version of the original color is **86.7921, 84.7558, 102.2275**, and **34.6710, 27.4681, 28.6738** is the 20% darker color. If you saturate the color by 10%, you get **59.6274, 45.6861, 46.1283**, and if you desaturate by 10%, it is **73.8165, 67.1547, 72.1596**.

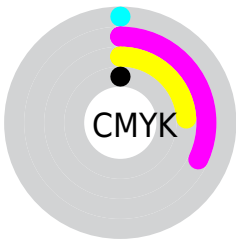
Distribution



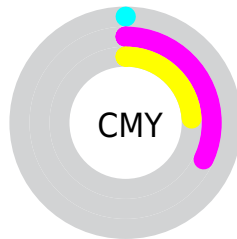
- Red (100%)
- Green (68%)
- Blue (76%)



- 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 66.1137, 55.4271, 58.2529 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 66.1137, 55.4271, 58.2529 by changing the saturation by 10% instead.


 66.1137, 55.4271,
58.2529

 66.1137, 55.4271,
58.2529


436.2656,
407.5289, 435.7522

 48.6328, 39.7438,
41.5960


 112.7063, 98.1664,
103.8095

 34.5416, 27.3388,
28.4618


142.5487,
125.9912, 133.5462

 23.4748, 17.8279,
18.4320


177.2423,
158.6320, 168.4799

 15.0671, 10.8265,
11.0880

217.1525,
196.4731, 209.0291

 8.9531, 5.9503,
6.0111

262.6445,
239.8990, 255.6124

 4.7675, 2.8149,
2.7829


314.0838,

 2.1448, 1.0359,


289.2939, 308.6483


0.9849


371.8357,
345.0424, 368.5554


 0.7134, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 66.1137, 55.4271,
58.2529


 66.1137, 55.4271,
58.2529


 59.6274, 45.6861,
46.1283


 73.8165, 67.1547,
72.1596

 54.2899, 37.8139,
35.7089

 82.7908, 80.9633,
87.9142

 50.0331, 31.6918,
26.9171

 93.0929, 96.9501,
105.5831

 46.7794, 27.1842,
19.6674

95.0500, 100.0000,
108.9000

■ 44.4404, 24.1352,
13.8660

■ 42.9113, 22.3578,
9.4076

■ 42.1359, 21.6183,
6.6476

Harmonies

Analogous

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



64.6189, 55.4271, 77.7583



66.1137, 55.4271, 58.2529



63.7734, 55.4271, 42.7674

Triad

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



66.1137, 55.4271, 58.2529



46.1187, 55.4271, 35.2108



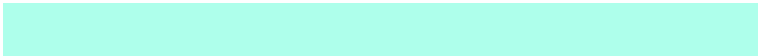
47.3034, 55.4271, 98.1844

Complementary

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



66.1137, 55.4271, 58.2529



68.2130, 86.5178, 91.7054

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.



42.9571, 55.4271, 82.1931



66.1137, 55.4271, 58.2529



42.3135, 55.4271, 45.7567

Square

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



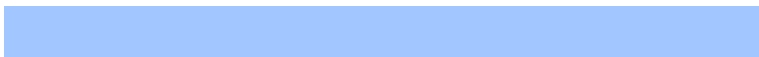
66.1137, 55.4271, 58.2529



51.9441, 55.4271, 31.2949



41.2047, 55.4271, 62.4982



53.4264, 55.4271, 103.4028

Rectangle

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



66.1137, 55.4271, 58.2529



60.4571, 55.4271, 36.0080



41.2047, 55.4271, 62.4982



45.6035, 55.4271, 93.7493

Sweetspot

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



66.1150, 55.4296, 58.2540



84.5084, 83.6200, 90.8872



67.3662, 55.1144, 101.6953



17.7944, 17.4435, 18.9451



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.



66.1150, 55.4296, 58.2540



61.9297, 49.1262, 50.4861



68.2291, 63.0132, 48.6142



18.1933, 18.0606, 19.6348



22.0662, 11.3158, 3.7332



2.1897, 1.1183, 0.5804

Inverse Universe

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



66.1150, 55.4296, 58.2540



61.9297, 49.1262, 50.4861



65.1442, 75.4939, 105.7461



18.1933, 18.0606, 19.6348



22.0662, 11.3158, 3.7332



2.1897, 1.1183, 0.5804

Previews

White Background



This preview shows how the XYZ color 66.1137, 55.4271, 58.2529 looks on a white background.

Color Contrast Check

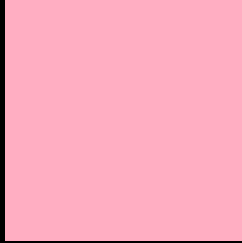
Large Text (above 18pt) WCAG AA × Fail

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 66.1137, 55.4271, 58.2529 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 66.1137, 55.4271, 58.2529

Background



This preview shows how black text looks on a background with the XYZ color 66.1137, 55.4271, 58.2529.



This preview shows how white text looks on a background with the XYZ color 66.1137, 55.4271,

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

66.1137, 55.4271, 58.2529

Protanopia

54.0284, 55.8552, 66.9650

Deuteranopia

56.7309, 55.4939, 57.0116



Tritanopia

65.2801, 55.3616, 54.8222

Trichromacy



Original Color

66.1137, 55.4271, 58.2529



Protanomaly

57.5573, 55.1361, 63.4859



Deuteranomaly

59.6099, 55.0757, 57.3581



Tritanomaly

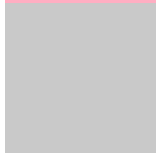
65.4973, 55.4485, 55.9657

Monochromacy



Original Color

66.1137, 55.4271, 58.2529



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

58.6426, 56.7110, 61.2816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1137, 55.4271, 58.2529 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 194) }
```

Border

The CSS property to change the border of an element to XYZ 66.1137, 55.4271, 58.2529 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, 194) }
```


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

```
.border{ border-color:rgb(255, 174, 194) }
```

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, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1137, 55.4271, 58.2529 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
174, 194) }
```

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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