

Converting Colors

XYZ(104.7674, 73.7635,
63.6840)

Have a look what the booklet for
XYZ(104.7674, 73.7635, 63.6840)
contains.

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Color

**XYZ(65.9706, 53.8530,
62.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9C9
RGB	255, 169, 201
RGB Percent	100%, 66%, 79%
CMY	0.0000, 0.3372, 0.2118
CMYK	0.00, 0.34, 0.21, 0.00
HSL	338°, 100%, 83%
HSV	338°, 34%, 100%
XYZ	65.9706, 53.8530, 62.1760
YIQ	198.3620, 40.9840, 28.1840

Conversions

Conversions Part 2

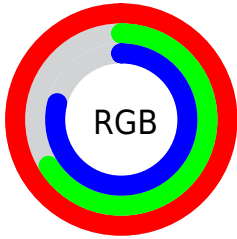
Format	Color
R _Y B	255, 169, 201
Decimal	16755145
CIE Lab	78.38, 35.90, -3.21
CIE LCh	78, 36.048, 354.891
Yxy	53.8530, 0.3625, 0.2959
Android (android.graphics.Color)	4294945225 (0xFFFFA9C9)
YUV	198.3620, 1.3005, 49.6715
Hunter-Lab	73.3846, 32.0432, 1.1350

Details

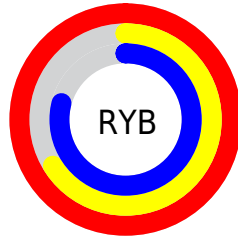
The XYZ color **65.9706, 53.8530, 62.1760** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.4435, 85.2837, 82.8279**, and the grayscale version is **53.8728, 56.6784, 61.7228**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **34.5378, 26.4677, 30.8922** is the 20% darker color. If you saturate the color by 10%, you get **59.8944, 44.5596, 51.3367**, and if you desaturate by 10%, it is **73.1708, 65.0798, 74.3601**.

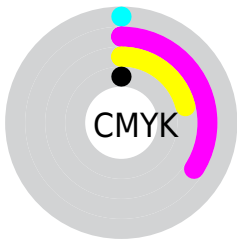
Distribution



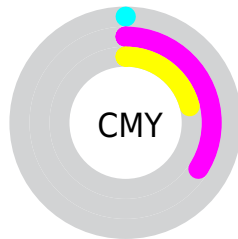
- Red (100%)
- Green (66%)
- Blue (79%)



- Red (100%)
- Yellow (66%)
- Blue (79%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9706, 53.8530, 62.1760 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 65.9706, 53.8530, 62.1760 by changing the saturation by 10% instead.


 65.9706, 53.8530,
62.1760

 65.9706, 53.8530,
62.1760


435.7620,
401.5492, 450.5982

 48.5162, 38.4842,
44.7382


 112.5021, 95.8584,
109.5539

 34.4488, 26.3587,
30.9098


142.3099,
123.2637, 140.3311

 23.4031, 17.0922,
20.2723

176.9661,
155.4499, 176.3919

 15.0138, 10.3002,
12.4071

216.8362,
192.8015, 218.1548

 8.9154, 5.5985,
6.8957

262.2855,
235.7029, 266.0383

 4.7427, 2.6025,
3.3195


313.6793,

 2.1303, 0.9279,


284.5383, 320.4610


1.2600


371.3830,
339.6923, 381.8415


 0.7056, 0.0000,
0.0287


 0.0000, 0.0000,
0.0000

 65.9706, 53.8530,
62.1760


 65.9706, 53.8530,
62.1760


 59.8944, 44.5596,
51.3367


 73.1708, 65.0798,
74.3601

 54.8784, 37.0820,
41.7895

 81.5466, 78.3344,
87.9324

 50.8579, 31.3010,
33.4825

 91.1507, 93.7136,
102.9385

 47.7594, 27.0798,
26.3583

95.0500, 100.0000,
108.9000

■ 45.4980, 24.2601,
20.3541

■ 43.9714, 22.6492,
15.3989

■ 43.2999, 22.0840,
12.7772

Harmonies

Analogous

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



63.1439, 53.8530, 84.0273



65.9706, 53.8530, 62.1760



64.5480, 53.8530, 43.7160

Triad

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



65.9706, 53.8530, 62.1760



45.6693, 53.8530, 29.9141



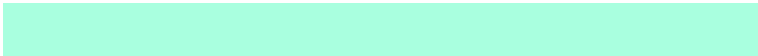
43.7516, 53.8530, 96.6442

Complementary

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



65.9706, 53.8530, 62.1760



65.4435, 85.2837, 82.8279

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.



39.8078, 53.8530, 76.6164



65.9706, 53.8530, 62.1760



40.8414, 53.8530, 38.9578

Square

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



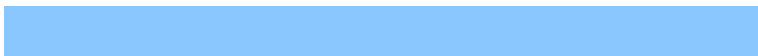
65.9706, 53.8530, 62.1760



52.4070, 53.8530, 27.7558



38.7933, 53.8530, 55.2344



49.9835, 53.8530, 106.6480

Rectangle

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



65.9706, 53.8530, 62.1760



61.4438, 53.8530, 35.2088



38.7933, 53.8530, 55.2344



42.1380, 53.8530, 90.6655

Sweetspot

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



65.9719, 53.8554, 62.1771



84.9760, 83.8070, 93.3493



62.3743, 51.1336, 101.1900



17.9069, 17.4885, 19.5379



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.



65.9719, 53.8554, 62.1771



62.0297, 47.8019, 55.2188



64.5299, 56.3806, 45.0207



18.2888, 18.0988, 20.1381



22.6911, 11.5658, 7.0240



2.2601, 1.1464, 0.9511

Inverse Universe

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



65.9719, 53.8554, 62.1771



62.0297, 47.8019, 55.2188



67.0561, 80.9408, 106.6967



18.2888, 18.0988, 20.1381



22.6911, 11.5658, 7.0240



2.2601, 1.1464, 0.9511

Previews

White Background



This preview shows how the XYZ color 65.9706, 53.8530, 62.1760 looks on a white background.

Color Contrast Check

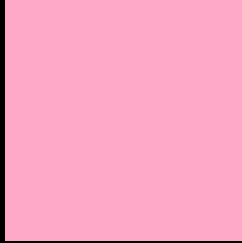
Large Text (above 18pt) WCAG AA × Fail

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 65.9706, 53.8530, 62.1760 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 65.9706, 53.8530, 62.1760

Background



This preview shows how black text looks on a background with the XYZ color 65.9706, 53.8530, 62.1760.



This preview shows how white text looks on a background with the XYZ color 65.9706, 53.8530,

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

65.9706, 53.8530, 62.1760

Protanopia

52.9505, 54.1742, 72.6316

Deuteranopia

55.3276, 54.0407, 60.9409



Tritanopia

64.0175, 53.8905, 52.9268

Trichromacy



Original Color

65.9706, 53.8530, 62.1760



Protanomaly

56.6299, 53.2803, 68.9274



Deuteranomaly

58.8276, 53.6652, 61.2907



Tritanomaly

64.8399, 53.9582, 56.2878

Monochromacy



Original Color

65.9706, 53.8530, 62.1760



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.2925, 54.7242, 61.5760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9706, 53.8530, 62.1760 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, 169, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 201)  
}
```

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, 169, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 201) }
```

Border

The CSS property to change the border of an element to XYZ 65.9706, 53.8530, 62.1760 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, 169, 201) }
```


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

```
.border{ border-color:rgb(255, 169, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9706, 53.8530, 62.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 201) }
```

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

```
.background{ background-color: rgb(255,  
169, 201) }
```

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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