

Converting Colors

XYZ(74.0947, 56.2417, 68.2339)

Have a look what the booklet for
XYZ(74.0947, 56.2417, 68.2339)
contains.

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Color

**XYZ(65.9701, 52.1075,
67.5535)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3D2
RGB	255, 163, 210
RGB Percent	100%, 64%, 82%
CMY	0.0000, 0.3608, 0.1765
CMYK	0.00, 0.36, 0.18, 0.00
HSL	329°, 100%, 82%
HSV	329°, 36%, 100%
XYZ	65.9701, 52.1075, 67.5535
YIQ	195.8660, 39.7450, 34.1210

Conversions

Conversions Part 2

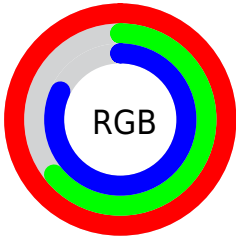
Format	Color
R _Y B	255, 163, 210
Decimal	16753618
CIE Lab	77.35, 40.35, -9.64
CIE LCh	77, 41.483, 346.563
Yxy	52.1075, 0.3554, 0.2807
Android (android.graphics.Color)	4294943698 (0xFFFFA3D2)
YUV	195.8660, 6.9681, 51.8605
Hunter-Lab	72.1855, 36.8059, -4.9556

Details

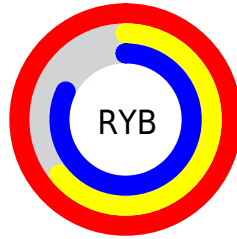
The XYZ color **65.9701, 52.1075, 67.5535** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.2513, 83.8615, 72.5837**, and the grayscale version is **52.3331, 55.0585, 59.9587**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **34.6026, 25.4225, 34.5358** is the 20% darker color. If you saturate the color by 10%, you get **60.3964, 43.3510, 58.3252**, and if you desaturate by 10%, it is **72.5800, 62.7425, 77.7262**.

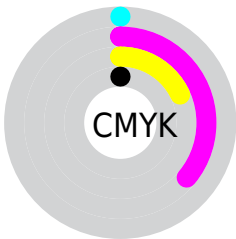
Distribution



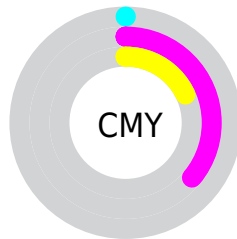
- Red (100%)
- Green (64%)
- Blue (82%)



- Red (100%)
- Yellow (64%)
- Blue (82%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9701, 52.1075, 67.5535 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 65.9701, 52.1075, 67.5535 by changing the saturation by 10% instead.


 65.9701, 52.1075,
67.5535


 65.9701, 52.1075,
67.5535


435.7603,
394.8515, 470.4674

 48.5157, 37.0908,
49.0702


 112.5014, 93.2898,
117.3613

 34.4484, 25.2778,
34.3091


 142.3090,
120.2241, 149.5229

 23.4028, 16.2841,
22.8519


176.9651,
151.8997, 187.0809

 15.0136, 9.7254,
14.2799

216.8351,
188.7011, 230.4540

 8.9153, 5.2173,
8.1746

262.2842,
231.0125, 280.0607

 4.7426, 2.3753,
4.1175

313.6779,

 2.1303, 0.8131,

279.2185, 336.3194

1.6900

371.3814,
333.7033, 399.6488

■ 0.7056, 0.0000,
0.3539

■ 0.0000, 0.0000,
0.0000

■ 65.9701, 52.1075,
67.5535

■ 65.9701, 52.1075,
67.5535

■ 60.3964, 43.3510,
58.3252

■ 72.5800, 62.7425,
77.7262

■ 55.7975, 36.3548,
50.0053

■ 80.2760, 75.3514,
88.8710

■ 52.1107, 30.9976,
42.5595

■ 89.1085, 90.0312,
101.0180

■ 49.2636, 27.1400,
35.9491

95.0500, 100.0000,
108.9000

■ 47.1724, 24.6186,
30.1310

■ 45.7331, 23.2310,
25.0547

■ 45.2872, 22.8789,
23.2421

Harmonies

Analogous

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



61.5036, 52.1075, 92.5618



65.9701, 52.1075, 67.5535



65.7086, 52.1075, 45.1259

Triad

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



65.9701, 52.1075, 67.5535



45.2867, 52.1075, 24.2184



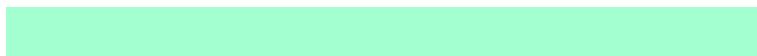
39.7231, 52.1075, 94.9274

Complementary

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



65.9701, 52.1075, 67.5535



62.2513, 83.8615, 72.5837

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.



36.2467, 52.1075, 70.1844



65.9701, 52.1075, 67.5535



39.2151, 52.1075, 31.6019

Square

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



65.9701, 52.1075, 67.5535



53.1722, 52.1075, 23.8689



36.0713, 52.1075, 47.1401



46.0516, 52.1075, 110.9985

Rectangle

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



65.9701, 52.1075, 67.5535



62.8777, 52.1075, 34.4088



36.0713, 52.1075, 47.1401



38.2134, 52.1075, 87.0894

Sweetspot

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



65.9713, 52.1097, 67.5545



84.6144, 82.5384, 94.9098



57.0119, 46.7497, 100.6265



17.8567, 17.2444, 19.9639



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.



65.9713, 52.1097, 67.5545



62.0045, 45.8522, 61.0658



61.0879, 50.1564, 41.8393



18.3967, 18.1420, 20.7061



23.7392, 11.9850, 12.5432



2.3666, 1.1890, 1.5120

Inverse Universe

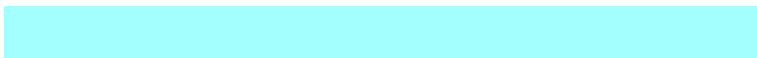
The Inverse Universe completely reimagines the original color for something new.



65.9713, 52.1097, 67.5545



62.0045, 45.8522, 61.0658



68.6696, 86.4288, 106.3820



18.3967, 18.1420, 20.7061



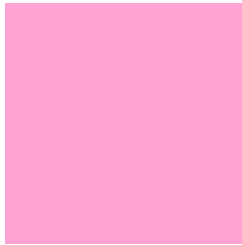
23.7392, 11.9850, 12.5432



2.3666, 1.1890, 1.5120

Previews

White Background



This preview shows how the XYZ color 65.9701, 52.1075, 67.5535 looks on a white background.

Color Contrast Check

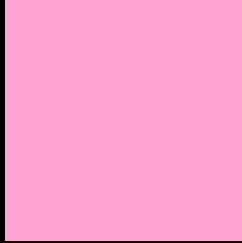
Large Text (above 18pt) WCAG AA × Fail

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 65.9701, 52.1075, 67.5535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

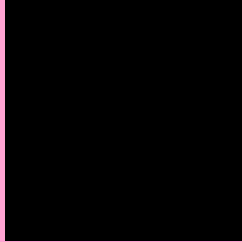
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9701, 52.1075, 67.5535

Background



This preview shows how black text looks on a background with the XYZ color 65.9701, 52.1075, 67.5535.



This preview shows how white text looks on a background with the XYZ color 65.9701, 52.1075,

67.5535.

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

65.9701, 52.1075, 67.5535

Protanopia

52.0457, 52.5633, 80.0757

Deuteranopia

53.3281, 52.2706, 65.6711



Tritanopia

62.4880, 52.0369, 50.4667

Trichromacy



Original Color

65.9701, 52.1075, 67.5535



Protanomaly

55.9507, 51.5646, 75.4107



Deuteranomaly

57.3071, 51.8754, 66.0240



Tritanomaly

63.6587, 51.9609, 56.5434

Monochromacy



Original Color

65.9701, 52.1075, 67.5535



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.2984, 53.2497, 62.5693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9701, 52.1075, 67.5535 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, 163, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 210)  
}
```

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, 163, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 210) }
```

Border

The CSS property to change the border of an element to XYZ 65.9701, 52.1075, 67.5535 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, 163, 210) }
```


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

```
.border{ border-color:rgb(255, 163, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9701, 52.1075, 67.5535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 210) }
```

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

```
.background{ background-color: rgb(255,  
163, 210) }
```

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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