

Converting Colors

XYZ(96.8857, 68.7922, 74.0089)

Have a look what the booklet for
XYZ(96.8857, 68.7922, 74.0089)
contains.

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Color

**XYZ(67.4006, 53.5422,
72.4279)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6D9
RGB	255, 166, 217
RGB Percent	100%, 65%, 85%
CMY	0.0000, 0.3490, 0.1490
CMYK	0.00, 0.35, 0.15, 0.00
HSL	326°, 100%, 83%
HSV	326°, 35%, 100%
XYZ	67.4006, 53.5422, 72.4279
YIQ	198.4250, 36.6730, 34.7290

Conversions

Conversions Part 2

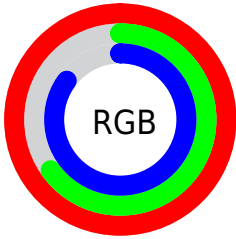
Format	Color
RYB	255, 166, 217
Decimal	16754393
CIELab	78.19, 39.86, -12.18
CIELCh	78, 41.685, 343.006
Yxy	53.5422, 0.3486, 0.2769
Android (android.graphics.Color)	4294944473 (0xFFFFA6D9)
YUV	198.4250, 9.1575, 49.6163
Hunter-Lab	73.1725, 36.3678, -7.4659

Details

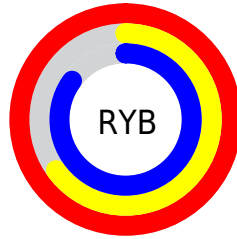
The XYZ color **67.4006, 53.5422, 72.4279** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.3869, 83.9876, 70.0531**, and the grayscale version is **53.8667, 56.6719, 61.7157**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **35.3417, 26.0673, 37.3512** is the 20% darker color. If you saturate the color by 10%, you get **61.8465, 44.6262, 63.8185**, and if you desaturate by 10%, it is **73.9696, 64.3381, 81.8380**.

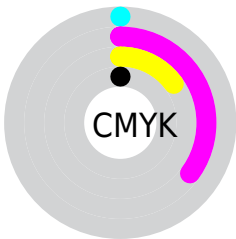
Distribution



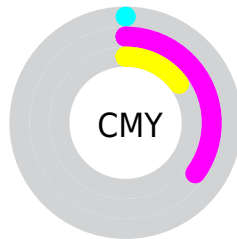
- Red (100%)
- Green (65%)
- Blue (85%)



- Red (100%)
- Yellow (65%)
- Blue (85%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4006, 53.5422, 72.4279 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 67.4006, 53.5422, 72.4279 by changing the saturation by 10% instead.


 67.4006, 53.5422,
72.4279


 67.4006, 53.5422,
72.4279


440.7795,
400.3619, 488.0471

 49.6821, 38.2358,
53.0193


 114.5409, 95.4017,
124.3781

 35.3777, 26.1657,
37.4304


 144.6934,
122.7236, 157.7567

 24.1218, 16.9477,
25.2425


179.7213,
154.8195, 196.6292

 15.5492, 10.1972,
16.0371

219.9900,
192.0737, 241.4140

 9.2946, 5.5299,
9.3958

265.8648,
234.8706, 292.5296

 4.9925, 2.5614,
4.8999

317.7111,

 2.2775, 0.9073,

283.5947, 350.3947

2.1309

375.8942,
338.6303, 415.4276

■ 0.7831, 0.0000,
0.6341

■ 0.0000, 0.0000,
0.0000

■ 67.4006, 53.5422,
72.4279

■ 67.4006, 53.5422,
72.4279

■ 61.8465, 44.6262,
63.8185

■ 73.9696, 64.3381,
81.8380

■ 57.2472, 37.4732,
55.9789

■ 81.6016, 77.1078,
92.0713

■ 53.5417, 31.9641,
48.8804

■ 90.3459, 91.9472,
103.1534

■ 50.6601, 27.9620,
42.4902

95.0500, 100.0000,
108.9000

■ 48.5209, 25.3074,
36.7717

■ 47.0247, 23.8043,
31.6814

■ 46.4376, 23.3390,
29.3000

Harmonies

Analogous

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



62.3478, 53.5422, 97.6742



67.4006, 53.5422, 72.4279



67.7417, 53.5422, 48.7679

Triad

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



67.4006, 53.5422, 72.4279



47.4435, 53.5422, 24.5856



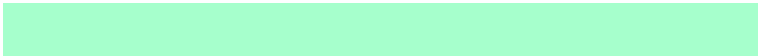
40.2666, 53.5422, 94.5909

Complementary

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



67.4006, 53.5422, 72.4279



62.3869, 83.9876, 70.0531

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.



37.0945, 53.5422, 68.9960



67.4006, 53.5422, 72.4279



40.9302, 53.5422, 31.2464

Square

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



67.4006, 53.5422, 72.4279



55.6104, 53.5422, 25.0432



37.3236, 53.5422, 46.1374



46.4450, 53.5422, 112.6300

Rectangle

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



67.4006, 53.5422, 72.4279



65.1996, 53.5422, 37.1046



37.3236, 53.5422, 46.1374



38.8445, 53.5422, 86.3301

Sweetspot

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



67.4019, 53.5445, 72.4290



85.7440, 84.1142, 97.3935



56.3397, 47.2034, 100.7495



18.0925, 17.5627, 20.5150



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.



67.4019, 53.5445, 72.4290



63.3563, 47.0253, 66.2345



62.4611, 51.5682, 46.4114



18.4456, 18.1616, 20.9639



24.3409, 12.2257, 15.7117



2.4247, 1.2123, 1.8180

Inverse Universe

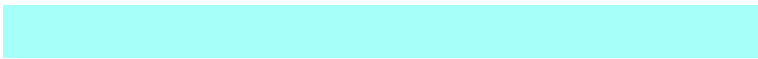
The Inverse Universe completely reimagines the original color for something new.



67.4019, 53.5445, 72.4290



63.3563, 47.0253, 66.2345



68.3660, 86.3792, 101.5384



18.4456, 18.1616, 20.9639



24.3409, 12.2257, 15.7117



2.4247, 1.2123, 1.8180

Previews

White Background



This preview shows how the XYZ color 67.4006, 53.5422, 72.4279 looks on a white background.

Color Contrast Check

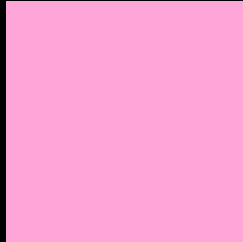
Large Text (above 18pt) WCAG AA × Fail

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 67.4006, 53.5422, 72.4279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

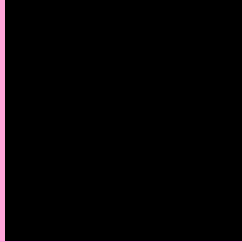
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4006, 53.5422, 72.4279

Background



This preview shows how black text looks on a background with the XYZ color 67.4006, 53.5422, 72.4279.



This preview shows how white text looks on a background with the XYZ color 67.4006, 53.5422,

72.4279.

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

67.4006, 53.5422, 72.4279

Protanopia

53.7085, 53.9541, 85.4253

Deuteranopia

54.8953, 53.6079, 70.4049



Tritanopia

63.2931, 53.5171, 52.8929

Trichromacy



Original Color

67.4006, 53.5422, 72.4279



Protanomaly

57.5154, 53.1700, 80.6302



Deuteranomaly

58.8903, 53.1855, 70.7803



Tritanomaly

64.5977, 53.4761, 59.7406

Monochromacy



Original Color

67.4006, 53.5422, 72.4279



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.7918, 54.5857, 65.2477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4006, 53.5422, 72.4279 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, 166, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 217)  
}
```

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, 166, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 217) }
```

Border

The CSS property to change the border of an element to XYZ 67.4006, 53.5422, 72.4279 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, 166, 217) }
```


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

```
.border{ border-color:rgb(255, 166, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 166, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 166, 217); box-shadow:4px 4px 4px 4px rgb(255, 166, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4006, 53.5422, 72.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 217) }
```

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

```
.background{ background-color: rgb(255,  
166, 217) }
```

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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