

Converting Colors

XYZ(67.4275, 52.7474, 75.0532)

Have a look what the booklet for
XYZ(67.4275, 52.7474, 75.0532)
contains.

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Color

**XYZ(67.3883, 52.6748,
75.0221)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA3DD |
| RGB | 255, 163, 221 |
| RGB Percent | 100%, 64%, 87% |
| CMY | 0.0000, 0.3608, 0.1333 |
| CMYK | 0.00, 0.36, 0.13, 0.00 |
| HSL | 322°, 100%, 82% |
| HSV | 322°, 36%, 100% |
| XYZ | 67.3883, 52.6748, 75.0221 |
| YIQ | 197.1200, 36.2140, 37.5420 |

Conversions

Conversions Part 2

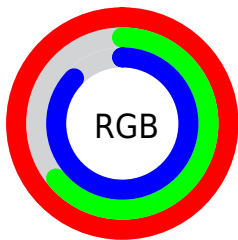
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 163, 221 |
| Decimal | 16753629 |
| CIE _{Lab} | 77.68, 42.04, -15.13 |
| CIE _{LCh} | 78, 44.680, 340.213 |
| Yxy | 52.6748, 0.3454, 0.2700 |
| Android (android.graphics.Color) | 4294943709 (0xFFFFA3DD) |
| YUV | 197.1200, 11.7728, 50.7608 |
| Hunter-Lab | 72.5774, 38.7272, -10.4829 |

Details

The XYZ color **67.3883, 52.6748, 75.0221** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.9441, 83.3386, 65.7003**, and the grayscale version is **53.0604, 55.8237, 60.7920**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **35.3775, 25.5608, 39.1455** is the 20% darker color. If you saturate the color by 10%, you get **62.0881, 44.0277, 67.2335**, and if you desaturate by 10%, it is **73.6743, 63.1802, 83.4883**.

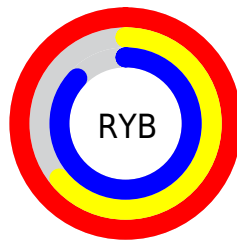
Distribution



Red (100%)

Green (64%)

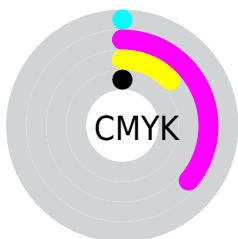
Blue (87%)



Red (100%)

Yellow (64%)

Blue (87%)

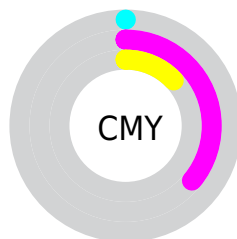


Cyan (0%)

Magenta (36%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3883, 52.6748, 75.0221 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 67.3883, 52.6748, 75.0221 by changing the saturation by 10% instead.


 67.3883, 52.6748,
75.0221

 67.3883, 52.6748,
75.0221


440.7365,
397.0362, 497.2510

 49.6721, 37.5432,
55.1292

 114.5234, 94.1257,
128.0910

 35.3697, 25.6284,
39.1058


 144.6729,
121.2138, 162.1041

 24.1156, 16.5458,
26.5336

179.6977,
153.0561, 201.6610

 15.5446, 9.9112,
16.9939

219.9630,
190.0372, 247.1801

 9.2913, 5.3401,
10.0682

265.8341,
232.5413, 299.0802

 4.9903, 2.4482,
5.3380

317.6765,

 2.2763, 0.8505,

280.9530, 357.7797

2.3847

375.8555,
335.6565, 423.6971

■ 0.7825, 0.0000,
0.7781

■ 0.0000, 0.0000,
0.0000

■ 67.3883, 52.6748,
75.0221

■ 67.3883, 52.6748,
75.0221

■ 62.0881, 44.0277,
67.2335

■ 73.6743, 63.1802,
83.4883

■ 57.7136, 37.1212,
60.0951

■ 80.9939, 75.6385,
92.6518

■ 54.2037, 31.8348,
53.5811

■ 89.3965, 90.1464,
102.5349

■ 51.4880, 28.0297,
47.6623

95.0500, 100.0000,
108.9000

■ 49.4843, 25.5434,
42.3051

■ 48.0907, 24.1740,
37.4693

■ 47.6516, 23.8247,
35.6932

Harmonies

Analogous

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



61.5804, 52.6748, 101.9189



67.3883, 52.6748, 75.0221



68.2673, 52.6748, 49.3219

Triad

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



67.3883, 52.6748, 75.0221



47.1765, 52.6748, 22.1071



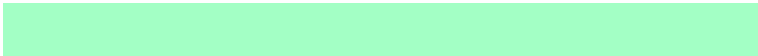
38.4168, 52.6748, 93.8980

Complementary

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



67.3883, 52.6748, 75.0221



60.9441, 83.3386, 65.7003

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.



35.4265, 52.6748, 66.2137



67.3883, 52.6748, 75.0221



40.0843, 52.6748, 28.1447

Square

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



67.3883, 52.6748, 75.0221



55.9051, 52.6748, 23.2140



35.9996, 52.6748, 42.7033



44.6480, 52.6748, 114.8081

Rectangle

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



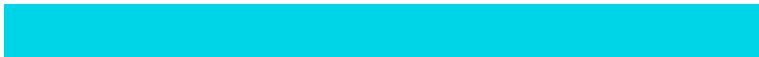
67.3883, 52.6748, 75.0221



65.8443, 52.6748, 36.5822



35.9996, 52.6748, 42.7033



37.0337, 52.6748, 84.7935

Sweetspot

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



67.3895, 52.6771, 75.0232



85.1209, 82.7410, 97.5772



54.1055, 45.2514, 100.4905



17.9775, 17.2927, 20.6000



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.



67.3895, 52.6771, 75.0232



63.6174, 46.4973, 69.5592



62.1029, 50.5624, 47.1840



18.4912, 18.1798, 21.2038



24.9735, 12.4787, 19.0429



2.4844, 1.2361, 2.1321

Inverse Universe

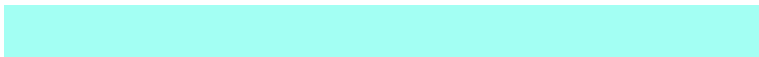
The Inverse Universe completely reimagines the original color for something new.



67.3895, 52.6771, 75.0232



63.6174, 46.4973, 69.5592



67.0030, 85.7622, 97.6060



18.4912, 18.1798, 21.2038



24.9735, 12.4787, 19.0429



2.4844, 1.2361, 2.1321

Previews

White Background



This preview shows how the XYZ color 67.3883, 52.6748, 75.0221 looks on a white background.

Color Contrast Check

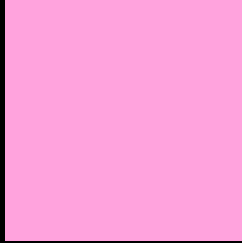
Large Text (above 18pt) WCAG AA × Fail

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 67.3883, 52.6748, 75.0221 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 67.3883, 52.6748, 75.0221

Background



This preview shows how black text looks on a background with the XYZ color 67.3883, 52.6748, 75.0221.



This preview shows how white text looks on a background with the XYZ color 67.3883, 52.6748,

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

67.3883, 52.6748, 75.0221

Protanopia

53.1977, 52.9419, 89.8531

Deuteranopia

54.1141, 52.8298, 72.9907



Tritanopia

62.7056, 52.6776, 51.6626

Trichromacy



Original Color

67.3883, 52.6748, 75.0221



Protanomaly

57.0417, 51.9356, 84.1089



Deuteranomaly

58.0905, 52.1184, 73.3278



Tritanomaly

64.0416, 52.3641, 59.5552

Monochromacy



Original Color

67.3883, 52.6748, 75.0221



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

57.4030, 54.0596, 65.8016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3883, 52.6748, 75.0221 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 221) }
```

Border

The CSS property to change the border of an element to XYZ 67.3883, 52.6748, 75.0221 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, 221) }
```


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

```
.border{ border-color:rgb(255, 163, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3883, 52.6748, 75.0221 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
163, 221) }
```

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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