

Converting Colors

XYZ(67.5220, 52.7283, 75.7260)

Have a look what the booklet for
XYZ(67.5220, 52.7283, 75.7260)
contains.

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Color

**XYZ(67.5220, 52.7283,
75.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3DE
RGB	255, 163, 222
RGB Percent	100%, 64%, 87%
CMY	0.0000, 0.3608, 0.1294
CMYK	0.00, 0.36, 0.13, 0.00
HSL	322°, 100%, 82%
HSV	322°, 36%, 100%
XYZ	67.5220, 52.7283, 75.7260
YIQ	197.2340, 35.8930, 37.8530

Conversions

Conversions Part 2

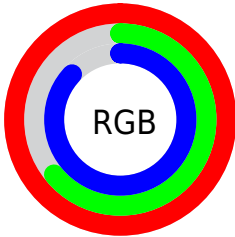
Format	Color
R _{YB}	255, 163, 222
Decimal	16753630
CIE _{Lab}	77.71, 42.20, -15.62
CIE _{LCh}	78, 44.999, 339.687
Y _{xy}	52.7283, 0.3445, 0.2691
Android (android.graphics.Color)	4294943710 (0xFFFFA3DE)
YUV	197.2340, 12.2096, 50.6608
Hunter-Lab	72.6143, 38.9073, -11.0008

Details

The XYZ color **67.5220, 52.7283, 75.7260** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.8299, 83.2929, 65.0987**, and the grayscale version is **53.1268, 55.8936, 60.8681**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **35.4696, 25.5976, 39.6306** is the 20% darker color. If you saturate the color by 10%, you get **62.2495, 44.0922, 68.0833**, and if you desaturate by 10%, it is **73.7763, 63.2210, 84.0254**.

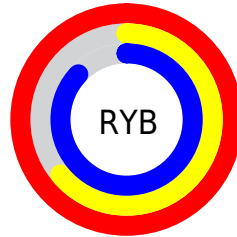
Distribution



Red (100%)

Green (64%)

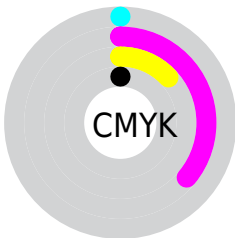
Blue (87%)



Red (100%)

Yellow (64%)

Blue (87%)

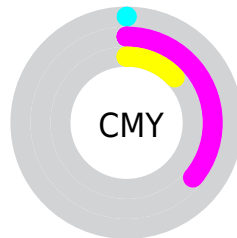


Cyan (0%)

Magenta (36%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5220, 52.7283, 75.7260 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 67.5220, 52.7283, 75.7260 by changing the saturation by 10% instead.


 67.5220, 52.7283,
75.7260


 67.5220, 52.7283,
75.7260


441.2039,
397.2418, 499.7311

 49.7812, 37.5859,
55.7025

 114.7137, 94.2044,
129.0961

 35.4567, 25.6615,
39.5621


 144.8954,
121.3070, 163.2797

 24.1830, 16.5706,
26.8861


179.9547,
153.1651, 203.0206

 15.5949, 9.9288,
17.2560

220.2571,
190.1630, 248.7371

 9.3270, 5.3518,
10.2533

266.1678,
232.6853, 300.8479

 5.0139, 2.4551,
5.4594

318.0523,

 2.2903, 0.8540,

281.1163, 359.7715

2.4559

376.2759,
335.8403, 425.9263

■ 0.7897, 0.0000,
0.8166

■ 0.0000, 0.0000,
0.0000

■ 67.5220, 52.7283,
75.7260

■ 67.5220, 52.7283,
75.7260

■ 62.2495, 44.0922,
68.0833

■ 73.7763, 63.2210,
84.0254

■ 57.8988, 37.1953,
61.0703

■ 81.0602, 75.6651,
93.0006

■ 54.4089, 31.9169,
54.6620

■ 89.4229, 90.1570,
102.6735

■ 51.7097, 28.1184,
48.8296

95.0500, 100.0000,
108.9000

■ 49.7188, 25.6372,
43.5402

■ 48.3346, 24.2716,
38.7540

■ 47.8984, 23.9234,
36.9926

Harmonies

Analogous

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



61.5912, 52.7283, 102.8017



67.5220, 52.7283, 75.7260



68.5061, 52.7283, 49.7134

Triad

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



67.5220, 52.7283, 75.7260



47.3510, 52.7283, 21.9213



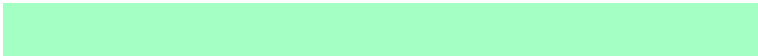
38.3010, 52.7283, 93.8144

Complementary

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



67.5220, 52.7283, 75.7260



60.8299, 83.2929, 65.0987

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.



35.3532, 52.7283, 65.8674



67.5220, 52.7283, 75.7260



40.1638, 52.7283, 27.8449

Square

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



67.5220, 52.7283, 75.7260



56.1588, 52.7283, 23.1539



35.9932, 52.7283, 42.3182



44.5242, 52.7283, 115.1683

Rectangle

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



67.5220, 52.7283, 75.7260



66.1208, 52.7283, 36.7819



35.9932, 52.7283, 42.3182



36.9289, 52.7283, 84.5958

Sweetspot

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



67.5232, 52.7305, 75.7271



85.1674, 82.7596, 97.8221



53.7067, 45.0459, 100.4718



17.9886, 17.2972, 20.6585



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.



67.5232, 52.7305, 75.7271



63.7707, 46.5586, 70.3662



62.2547, 50.6231, 47.9833



18.4999, 18.1833, 21.2494



25.1019, 12.5300, 19.7187



2.4963, 1.2409, 2.1950

Inverse Universe

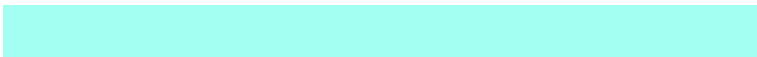
The Inverse Universe completely reimagines the original color for something new.



67.5232, 52.7305, 75.7271



63.7707, 46.5586, 70.3662



66.7727, 85.6701, 96.3932



18.4999, 18.1833, 21.2494



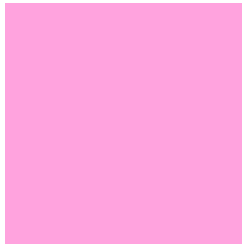
25.1019, 12.5300, 19.7187



2.4963, 1.2409, 2.1950

Previews

White Background



This preview shows how the XYZ color 67.5220, 52.7283, 75.7260 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 67.5220, 52.7283, 75.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

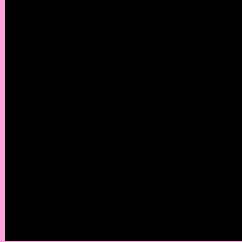
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5220, 52.7283, 75.7260

Background



This preview shows how black text looks on a background with the XYZ color 67.5220, 52.7283, 75.7260.



This preview shows how white text looks on a background with the XYZ color 67.5220, 52.7283,

75.7260.

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

67.5220, 52.7283, 75.7260

Protanopia

53.3304, 53.3158, 90.6992

Deuteranopia

53.9784, 52.7447, 73.6654



Tritanopia

62.3463, 52.4923, 51.6458

Trichromacy



Original Color

67.5220, 52.7283, 75.7260



Protanomaly

57.1073, 52.2537, 84.9180



Deuteranomaly

57.9200, 52.0153, 74.0051



Tritanomaly

64.0416, 52.3641, 59.5552

Monochromacy



Original Color

67.5220, 52.7283, 75.7260



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 67.5220, 52.7283, 75.7260 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 222) }
```

Border

The CSS property to change the border of an element to XYZ 67.5220, 52.7283, 75.7260 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, 222) }
```


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

```
.border{ border-color:rgb(255, 163, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5220, 52.7283, 75.7260 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
163, 222) }
```

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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