

Converting Colors

XYZ(67.6319, 53.7137, 73.4026)

Have a look what the booklet for
XYZ(67.6319, 53.7137, 73.4026)
contains.

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Color

**XYZ(67.5311, 53.5944,
73.1151)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6DA
RGB	255, 166, 218
RGB Percent	100%, 65%, 85%
CMY	0.0000, 0.3490, 0.1451
CMYK	0.00, 0.35, 0.15, 0.00
HSL	325°, 100%, 83%
HSV	325°, 35%, 100%
XYZ	67.5311, 53.5944, 73.1151
YIQ	198.5390, 36.3520, 35.0400

Conversions

Conversions Part 2

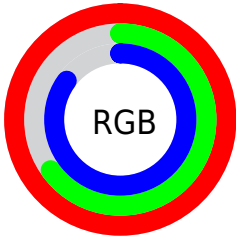
Format	Color
R_{YB}	255, 166, 218
Decimal	16754394
CIE _{Lab}	78.22, 40.02, -12.68
CIE _{LCh}	78, 41.982, 342.418
Yxy	53.5944, 0.3477, 0.2759
Android (android.graphics.Color)	4294944474 (0xFFFFA6DA)
YUV	198.5390, 9.5943, 49.5163
Hunter-Lab	73.2082, 36.5435, -7.9689

Details

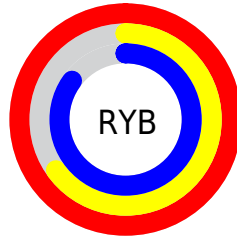
The XYZ color **67.5311, 53.5944, 73.1151** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.2673, 83.9397, 69.4234**, and the grayscale version is **53.9337, 56.7424, 61.7925**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **35.4310, 26.1030, 37.8213** is the 20% darker color. If you saturate the color by 10%, you get **62.0036, 44.6890, 64.6457**, and if you desaturate by 10%, it is **74.0688, 64.3778, 82.3604**.

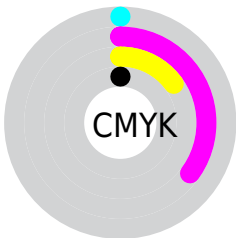
Distribution



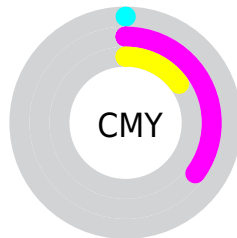
- Red (100%)
- Green (65%)
- Blue (85%)



- 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 67.5311, 53.5944, 73.1151 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 67.5311, 53.5944, 73.1151 by changing the saturation by 10% instead.


 67.5311, 53.5944,
73.1151


 67.5311, 53.5944,
73.1151


441.2357,
400.5614, 490.4951

 49.7886, 38.2775,
53.5777


 114.7267, 95.4785,
125.3630

 35.4626, 26.1981,
37.8733


 144.9105,
122.8144, 158.9106

 24.1876, 16.9719,
25.5833


179.9722,
154.9254, 197.9654

 15.5983, 10.2145,
16.2892

220.2771,
192.1960, 242.9458

 9.3294, 5.5414,
9.5724

266.1905,
235.0105, 294.2704

 5.0155, 2.5683,
5.0145


318.0779,

 2.2912, 0.9107,


283.7533, 352.3578


2.1969


376.3045,
338.8088, 417.6265


 0.7902, 0.0000,
0.6726


 0.0000, 0.0000,
0.0000


 67.5311, 53.5944,
73.1151


 67.5311, 53.5944,
73.1151


 62.0036, 44.6890,
64.6457


 74.0688, 64.3778,
82.3604

 57.4263, 37.5448,
56.9221

 81.6646, 77.1330,
92.4035

 53.7385, 32.0428,
49.9164

 90.3679, 91.9560,
103.2692

 50.8702, 28.0461,
43.5966

95.0500, 100.0000,
108.9000

■ 48.7403, 25.3952,
37.9268

■ 47.2494, 23.8942,
32.8648

■ 46.6635, 23.4294,
30.4900

Harmonies

Analogous

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



62.3555, 53.5944, 98.5299



67.5311, 53.5944, 73.1151



67.9766, 53.5944, 49.1570

Triad

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



67.5311, 53.5944, 73.1151



47.6178, 53.5944, 24.3858



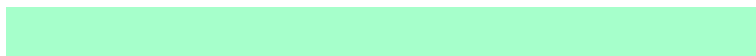
40.1455, 53.5944, 94.4998

Complementary

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



67.5311, 53.5944, 73.1151



62.2673, 83.9397, 69.4234

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.



37.0178, 53.5944, 68.6346



67.5311, 53.5944, 73.1151



41.0102, 53.5944, 30.9235

Square

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



67.5311, 53.5944, 73.1151



55.8620, 53.5944, 24.9801



37.3164, 53.5944, 45.7287



46.3157, 53.5944, 112.9785

Rectangle

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



67.5311, 53.5944, 73.1151



65.4720, 53.5944, 37.3069



37.3164, 53.5944, 45.7287



38.7348, 53.5944, 86.1234

Sweetspot

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



67.5324, 53.5967, 73.1162



85.7876, 84.1316, 97.6230



55.9374, 46.9961, 100.7307



18.1030, 17.5669, 20.5705



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.



67.5324, 53.5967, 73.1162



63.5062, 47.0852, 67.0236



62.6059, 51.6261, 47.1740



18.4545, 18.1651, 21.0107



24.4589, 12.2728, 16.3326



2.4359, 1.2167, 1.8771

Inverse Universe

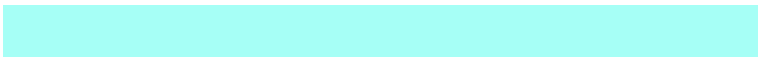
The Inverse Universe completely reimagines the original color for something new.



67.5324, 53.5967, 73.1162



63.5062, 47.0852, 67.0236



68.1372, 86.2877, 100.3338



18.4545, 18.1651, 21.0107



24.4589, 12.2728, 16.3326



2.4359, 1.2167, 1.8771

Previews

White Background



This preview shows how the XYZ color 67.5311, 53.5944, 73.1151 looks on a white background.

Color Contrast Check

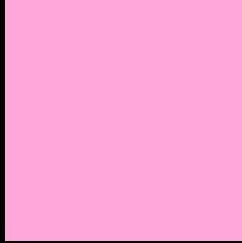
Large Text (above 18pt) WCAG AA × Fail

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 67.5311, 53.5944, 73.1151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

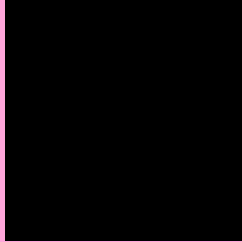
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5311, 53.5944, 73.1151

Background



This preview shows how black text looks on a background with the XYZ color 67.5311, 53.5944, 73.1151.



This preview shows how white text looks on a background with the XYZ color 67.5311, 53.5944,

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

67.5311, 53.5944, 73.1151

Protanopia

53.6122, 53.8878, 86.1730

Deuteranopia

54.9638, 53.9467, 71.1342



Tritanopia

63.2931, 53.5171, 52.8929

Trichromacy



Original Color

67.5311, 53.5944, 73.1151



Protanomaly

57.6547, 53.2258, 81.3636



Deuteranomaly

58.9138, 53.4836, 71.5083



Tritanomaly

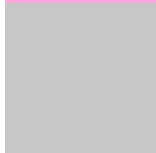
64.5977, 53.4761, 59.7406

Monochromacy



Original Color

67.5311, 53.5944, 73.1151



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

58.1243, 55.0569, 65.9561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5311, 53.5944, 73.1151 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 218) }
```

Border

The CSS property to change the border of an element to XYZ 67.5311, 53.5944, 73.1151 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, 218) }
```


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

```
.border{ border-color:rgb(255, 166, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5311, 53.5944, 73.1151 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
166, 218) }
```

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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