

Converting Colors

XYZ(103.8899, 74.9476,
68.6545)

Have a look what the booklet for
XYZ(103.8899, 74.9476, 68.6545)
contains.

XYZ(67.9551, 56.4740, 66.9935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.9551, 56.4740,
66.9935)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFD0
RGB	255, 175, 208
RGB Percent	100%, 69%, 82%
CMY	0.0000, 0.3137, 0.1843
CMYK	0.00, 0.31, 0.18, 0.00
HSL	335°, 100%, 84%
HSV	335°, 31%, 100%
XYZ	67.9551, 56.4740, 66.9935
YIQ	202.6820, 37.0870, 27.2230

Conversions

Conversions Part 2

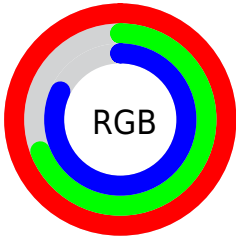
Format	Color
R _Y B	255, 175, 208
Decimal	16756688
CIE Lab	79.88, 33.80, -4.79
CIE LCh	80, 34.143, 351.933
Yxy	56.4740, 0.3550, 0.2950
Android (android.graphics.Color)	4294946768 (0xFFFFAFD0)
YUV	202.6820, 2.6218, 45.8829
Hunter-Lab	75.1492, 29.9010, -0.2510

Details

The XYZ color **67.9551, 56.4740, 66.9935** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.6261, 85.9089, 82.1813**, and the grayscale version is **56.5344, 59.4786, 64.7722**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **35.8182, 28.1225, 34.1122** is the 20% darker color. If you saturate the color by 10%, you get **61.6955, 46.7666, 56.2384**, and if you desaturate by 10%, it is **75.3288, 68.1303, 78.9804**.

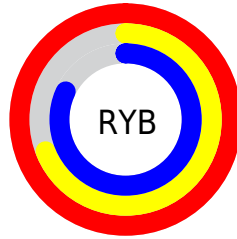
Distribution



Red (100%)

Green (69%)

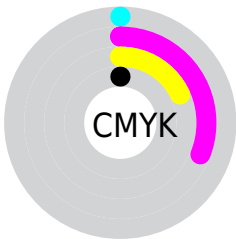
Blue (82%)



Red (100%)

Yellow (69%)

Blue (82%)

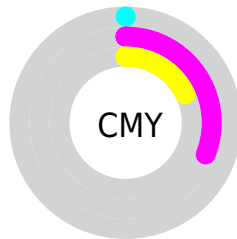


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9551, 56.4740, 66.9935 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 67.9551, 56.4740, 66.9935 by changing the saturation by 10% instead.


 67.9551, 56.4740,
66.9935

 67.9551, 56.4740,
66.9935


442.7161,
411.4754, 468.4225

 50.1347, 40.5831,
48.6178


 115.3302, 99.6973,
116.5517

 35.7387, 27.9935,
33.9529


145.6156,
127.7984, 148.5712

 24.4016, 18.3207,
22.5804


180.7868,
160.7384, 185.9757

 15.7582, 11.1805,
14.0816

221.2090,
198.9017, 229.1838

 9.4430, 6.1884,
8.0380

267.2477,
242.6727, 278.6140

 5.0906, 2.9600,
4.0312


319.2683,


 2.3358, 1.1109,


292.4357, 334.6848


1.6425


377.6359,
348.5751, 397.8148


 0.8129, 0.0000,
0.3208


 0.0000, 0.0000,
0.0000


 67.9551, 56.4740,
66.9935


 67.9551, 56.4740,
66.9935


 61.6955, 46.7666,
56.2384


 75.3288, 68.1303,
78.9804

 56.4880, 38.8927,
46.6688

 83.8656, 81.8271,
92.2362

 52.2710, 32.7367,
38.2400

 93.6168, 97.6596,
106.8006

 48.9740, 28.1663,
30.9027

95.0500, 100.0000,
108.9000

■ 46.5168, 25.0297,
24.6028

■ 44.8035, 23.1447,
19.2795

■ 43.7990, 22.2836,
15.4057

Harmonies

Analogous

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



64.8463, 56.4740, 88.1003



67.9551, 56.4740, 66.9935



66.9870, 56.4740, 48.3292

Triad

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



67.9551, 56.4740, 66.9935



48.8596, 56.4740, 32.4874



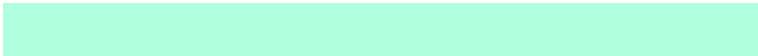
45.8851, 56.4740, 96.6273

Complementary

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



67.9551, 56.4740, 66.9935



66.6261, 85.9089, 82.1813

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.



42.2581, 56.4740, 76.8476



67.9551, 56.4740, 66.9935



43.8698, 56.4740, 40.8638

Square

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



67.9551, 56.4740, 66.9935



55.5654, 56.4740, 30.9563



41.5533, 56.4740, 56.2976



51.8316, 56.4740, 107.4524

Rectangle

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



67.9551, 56.4740, 66.9935



64.1941, 56.4740, 39.3826



41.5533, 56.4740, 56.2976



44.3760, 56.4740, 90.6265

Sweetspot

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



67.9565, 56.4765, 66.9946



86.0651, 85.3831, 95.5684



63.4042, 53.3598, 101.5655



18.1307, 17.8052, 20.0159



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.



67.9565, 56.4765, 66.9946



63.6848, 49.8282, 59.7286



65.6394, 57.6773, 48.2339



18.3200, 18.1113, 20.3024



22.9559, 11.6716, 8.4181



2.2879, 1.1575, 1.0975

Inverse Universe

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



67.9565, 56.4765, 66.9946



63.6848, 49.8282, 59.7286



69.4007, 83.6750, 107.1008



18.3200, 18.1113, 20.3024



22.9559, 11.6716, 8.4181



2.2879, 1.1575, 1.0975

Previews

White Background



This preview shows how the XYZ color 67.9551, 56.4740, 66.9935 looks on a white background.

Color Contrast Check

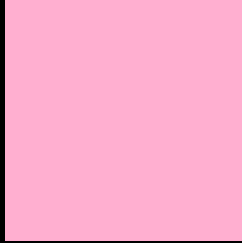
Large Text (above 18pt) WCAG AA × Fail

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 67.9551, 56.4740, 66.9935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

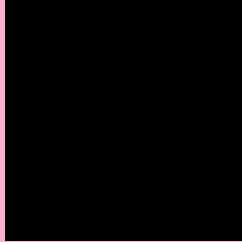
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.9551, 56.4740, 66.9935

Background



This preview shows how black text looks on a background with the XYZ color 67.9551, 56.4740, 66.9935.



This preview shows how white text looks on a background with the XYZ color 67.9551, 56.4740,

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

67.9551, 56.4740, 66.9935

Protanopia

55.6567, 56.8085, 77.1390

Deuteranopia

57.8934, 56.5541, 65.6223



Tritanopia

65.8324, 56.4850, 56.7232

Trichromacy



Original Color

67.9551, 56.4740, 66.9935

Protanomaly

59.3373, 56.1567, 73.3575

Deuteranomaly

61.3326, 56.3970, 66.0457

Tritanomaly

66.6732, 56.5463, 60.2238

Monochromacy



Original Color

67.9551, 56.4740, 66.9935

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

60.2136, 58.0773, 65.7940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9551, 56.4740, 66.9935 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, 175, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 208)  
}
```

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, 175, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 208) }
```

Border

The CSS property to change the border of an element to XYZ 67.9551, 56.4740, 66.9935 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, 175, 208) }
```


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

```
.border{ border-color:rgb(255, 175, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9551, 56.4740, 66.9935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 208) }
```

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

```
.background{ background-color: rgb(255,  
175, 208) }
```

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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