

Converting Colors

XYZ(74.9144, 60.5852, 63.6607)

Have a look what the booklet for
XYZ(74.9144, 60.5852, 63.6607)
contains.

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Color

**XYZ(67.6228, 56.9685,
63.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1CA
RGB	255, 177, 202
RGB Percent	100%, 69%, 79%
CMY	0.0000, 0.3059, 0.2078
CMYK	0.00, 0.31, 0.21, 0.00
HSL	341°, 100%, 85%
HSV	341°, 31%, 100%
XYZ	67.6228, 56.9685, 63.3090
YIQ	203.1720, 38.4630, 24.3110

Conversions

Conversions Part 2

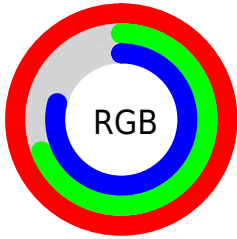
Format	Color
R_{YB}	255, 177, 202
Decimal	16757194
CIE _{Lab}	80.16, 31.87, -1.13
CIE _{LCh}	80, 31.892, 357.965
Yxy	56.9685, 0.3599, 0.3032
Android (android.graphics.Color)	4294947274 (0xFFFFB1CA)
YUV	203.1720, -0.5778, 45.4532
Hunter-Lab	75.4775, 27.8385, 3.1030

Details

The XYZ color **67.6228, 56.9685, 63.3090** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **68.1765, 86.5813, 87.9852**, and the grayscale version is **56.8606, 59.8218, 65.1459**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **35.5789, 28.4237, 31.6281** is the 20% darker color. If you saturate the color by 10%, you get **61.1107, 47.0455, 51.5781**, and if you desaturate by 10%, it is **75.3090, 68.8708, 76.5694**.

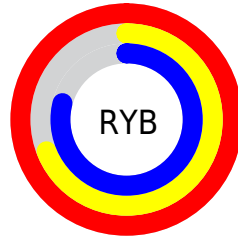
Distribution



Red (100%)

Green (69%)

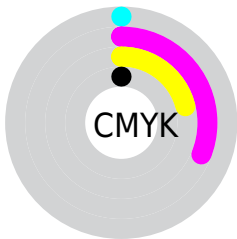
Blue (79%)



Red (100%)

Yellow (69%)

Blue (79%)

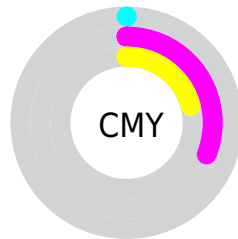


Cyan (0%)

Magenta (31%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6228, 56.9685, 63.3090 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 67.6228, 56.9685, 63.3090 by changing the saturation by 10% instead.


 67.6228, 56.9685,
63.3090

 67.6228, 56.9685,
63.3090


441.5561,
413.3313, 454.8288

 49.8635, 40.9800,
45.6486


 114.8572,
100.4192, 111.2051

 35.5223, 28.3034,
31.6220


145.0631,
128.6502, 142.2778

 24.2339, 18.5545,
20.8105


180.1485,
161.7307, 178.6585

 15.6329, 11.3488,
12.7957

220.4788,
200.0453, 220.7655

 9.3539, 6.3020,
7.1589

266.4193,
243.9782, 269.0176

 5.0317, 3.0296,
3.4817


318.3355,


 2.3008, 1.1472,


293.9139, 323.8331


1.3456


376.5926,
350.2368, 385.6307


 0.7951, 0.0179,
0.0987


 0.0000, 0.0000,
0.0000


 67.6228, 56.9685,
63.3090


 67.6228, 56.9685,
63.3090


 61.1107, 47.0455,
51.5781


 75.3090, 68.8708,
76.5694


 55.7087, 38.9861,
41.3157

 84.2211, 82.8446,
91.4099

 51.3523, 32.6743,
32.4617

 94.4123, 98.9853,
107.8833

 47.9687, 27.9779,
24.9500

 95.0500, 100.0000,
108.9000

■ 45.4750, 24.7453,
18.7085

■ 43.7730, 22.7960,
13.6566

■ 42.7524, 21.8650,
9.8941

Harmonies

Analogous

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



65.4484, 56.9685, 83.0197



67.6228, 56.9685, 63.3090



65.9534, 56.9685, 46.7121

Triad

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



67.6228, 56.9685, 63.3090



48.4948, 56.9685, 35.4804



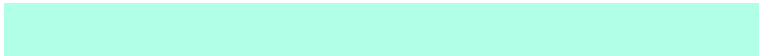
47.7839, 56.9685, 97.5907

Complementary

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



67.6228, 56.9685, 63.3090



68.1765, 86.5813, 87.9852

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.



43.8407, 56.9685, 80.3741



67.6228, 56.9685, 63.3090



44.2275, 56.9685, 44.9131

Square

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



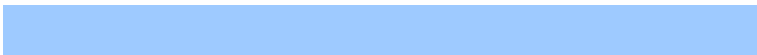
67.6228, 56.9685, 63.3090



54.5920, 56.9685, 32.6924



42.5919, 56.9685, 60.7664



53.7042, 56.9685, 105.1194

Rectangle

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



67.6228, 56.9685, 63.3090



62.9544, 56.9685, 39.0601



42.5919, 56.9685, 60.7664



46.2016, 56.9685, 92.5948

Sweetspot

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



67.6242, 56.9710, 63.3101



85.7506, 85.2573, 93.9121



66.0871, 55.3251, 101.8034



18.0535, 17.7743, 19.6093



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.



67.6242, 56.9710, 63.3101



63.3153, 50.3842, 55.6129



67.5910, 61.2637, 49.8608



18.2493, 18.0830, 19.9297



22.3989, 11.4489, 5.4853



2.2283, 1.1337, 0.7835

Inverse Universe

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



67.6242, 56.9710, 63.3101



63.3153, 50.3842, 55.6129



67.9353, 80.0727, 106.4827



18.2493, 18.0830, 19.9297



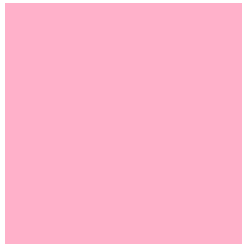
22.3989, 11.4489, 5.4853



2.2283, 1.1337, 0.7835

Previews

White Background



This preview shows how the XYZ color 67.6228, 56.9685, 63.3090 looks on a white background.

Color Contrast Check

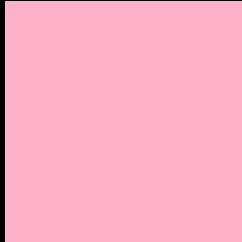
Large Text (above 18pt) WCAG AA × Fail

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 67.6228, 56.9685, 63.3090 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 67.6228, 56.9685, 63.3090

Background



This preview shows how black text looks on a background with the XYZ color 67.6228, 56.9685, 63.3090.



This preview shows how white text looks on a background with the XYZ color 67.6228, 56.9685,

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

67.6228, 56.9685, 63.3090

Protanopia

55.6204, 57.2490, 71.7370

Deuteranopia

58.2922, 57.1689, 61.9952



Tritanopia

66.5076, 57.1168, 57.3885

Trichromacy



Original Color

67.6228, 56.9685, 63.3090



Protanomaly

59.2597, 56.5401, 68.7628



Deuteranomaly

61.1506, 56.6997, 62.3647



Tritanomaly

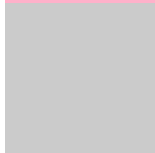
66.7573, 56.8971, 59.6883

Monochromacy



Original Color

67.6228, 56.9685, 63.3090



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

60.1955, 58.4250, 64.6044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6228, 56.9685, 63.3090 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, 177, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 202)  
}
```

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, 177, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 202) }
```

Border

The CSS property to change the border of an element to XYZ 67.6228, 56.9685, 63.3090 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, 177, 202) }
```


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

```
.border{ border-color:rgb(255, 177, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6228, 56.9685, 63.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 202) }
```

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

```
.background{ background-color: rgb(255,  
177, 202) }
```

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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