

Converting Colors

XYZ(70.3861, 61.4677, 62.9301)

Have a look what the booklet for
XYZ(70.3861, 61.4677, 62.9301)
contains.

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Color

**XYZ(69.4357, 60.9708,
62.7525)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBC8
RGB	255, 187, 200
RGB Percent	100%, 73%, 78%
CMY	0.0000, 0.2666, 0.2157
CMYK	0.00, 0.27, 0.22, 0.00
HSL	349°, 100%, 87%
HSV	349°, 27%, 100%
XYZ	69.4357, 60.9708, 62.7525
YIQ	208.8140, 36.3550, 18.4590

Conversions

Conversions Part 2

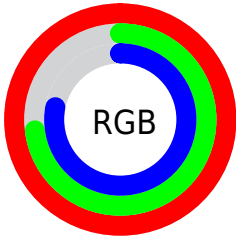
Format	Color
R_{YB}	255, 187, 200
Decimal	16759752
CIE _{Lab}	82.36, 26.34, 3.15
CIE _{LCh}	82, 26.526, 6.827
Yxy	60.9708, 0.3595, 0.3157
Android (android.graphics.Color)	4294949832 (0xFFFFBBC8)
YUV	208.8140, -4.3453, 40.5051
Hunter-Lab	78.0838, 22.0837, 7.0099

Details

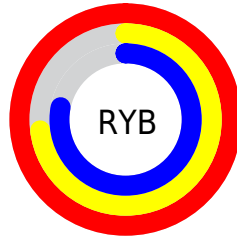
The XYZ color **69.4357, 60.9708, 62.7525** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2828, 88.4967, 97.2801**, and the grayscale version is **60.4953, 63.6457, 69.3102**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **36.6018, 30.7207, 31.1947** is the 20% darker color. If you saturate the color by 10%, you get **62.2482, 50.1969, 49.2551**, and if you desaturate by 10%, it is **77.9118, 73.8011, 78.2855**.

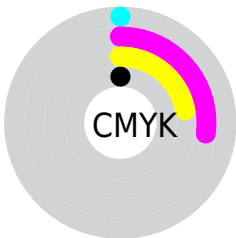
Distribution



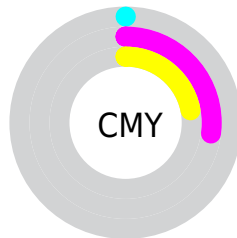
- Red (100%)
- Green (73%)
- Blue (78%)



- Red (100%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4357, 60.9708, 62.7525 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 69.4357, 60.9708, 62.7525 by changing the saturation by 10% instead.


 69.4357, 60.9708,
62.7525

 69.4357, 60.9708,
62.7525


447.8635,
428.1669, 452.7539

 51.3446, 44.2016,
45.2013


 117.4343,
106.2367, 110.3945

 36.7051, 30.8290,
31.2719


148.0725,
135.5021, 141.3224

 25.1518, 20.4687,
20.5458

183.6238,
169.7018, 177.5462

 16.3195, 12.7362,
12.6044

224.4535,
209.2200, 219.4846

 9.8428, 7.2471,
7.0292

270.9270,
254.4413, 267.5560

 5.3563, 3.6171,
3.4016

323.4095,

 2.4947, 1.4618,

305.7499, 322.1790

1.3032

382.2666,
363.5303, 383.7721

■ 0.8926, 0.2616,
0.0644

■ 0.0000, 0.0000,
0.0000

■ 69.4357, 60.9708,
62.7525

■ 69.4357, 60.9708,
62.7525

■ 62.2482, 50.1969,
49.2551

■ 77.9118, 73.8011,
78.2855

■ 56.2812, 41.3646,
37.7044

■ 87.7315, 88.7788,
95.9303

■ 51.4670, 34.3599,
28.0107

95.0500, 100.0000,
108.9000

■ 47.7291, 29.0540,
20.0753

■ 44.9817, 25.3009,
13.7901

■ 43.1252, 22.9296,
9.0348

■ 42.0368, 21.7264,
5.6704

■ 41.7888, 21.4795,
4.8201

Harmonies

Analogous

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



68.5366, 60.9708, 79.4153



69.4357, 60.9708, 62.7525



67.1008, 60.9708, 49.4108

Triad

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



69.4357, 60.9708, 62.7525



51.6727, 60.9708, 44.4434



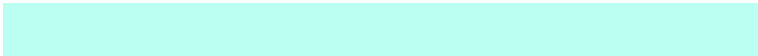
53.7751, 60.9708, 99.3400

Complementary

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



69.4357, 60.9708, 62.7525



72.2828, 88.4967, 97.2801

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.



49.6731, 60.9708, 86.8639



69.4357, 60.9708, 62.7525



48.5155, 60.9708, 54.8674

Square

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



69.4357, 60.9708, 62.7525



56.6676, 60.9708, 40.0114



47.8080, 60.9708, 70.1589



59.2534, 60.9708, 102.3694

Rectangle

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



69.4357, 60.9708, 62.7525



64.1087, 60.9708, 43.5774



47.8080, 60.9708, 70.1589



52.2007, 60.9708, 96.0235

Sweetspot

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



69.4371, 60.9735, 62.7537



86.3400, 86.6503, 93.4483



72.2344, 61.5348, 102.6780



18.1512, 18.0438, 19.4134



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

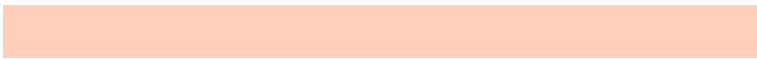
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4371, 60.9735, 62.7537



65.4452, 54.9747, 55.3034



72.6212, 69.6700, 56.6373



18.1512, 18.0438, 19.4134



21.8757, 11.2396, 2.7301



2.1656, 1.1086, 0.4536

Inverse Universe

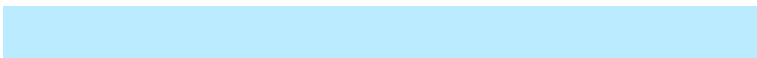
The Inverse Universe completely reimagines the original color for something new.



69.4371, 60.9735, 62.7537



65.4452, 54.9747, 55.3034



68.1395, 76.9745, 105.8740



18.1512, 18.0438, 19.4134



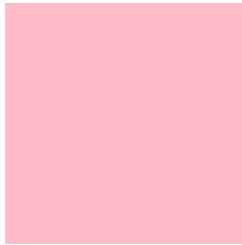
21.8757, 11.2396, 2.7301



2.1656, 1.1086, 0.4536

Previews

White Background



This preview shows how the XYZ color 69.4357, 60.9708, 62.7525 looks on a white background.

Color Contrast Check

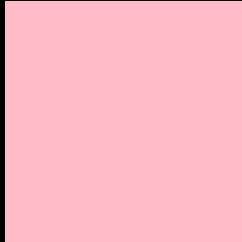
Large Text (above 18pt) WCAG AA × Fail

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 69.4357, 60.9708, 62.7525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

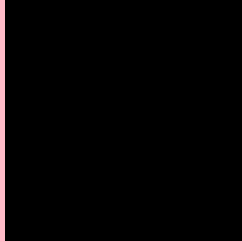
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4357, 60.9708, 62.7525

Background



This preview shows how black text looks on a background with the XYZ color 69.4357, 60.9708, 62.7525.



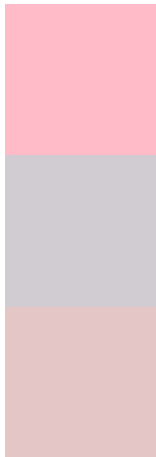
This preview shows how white text looks on a background with the XYZ color 69.4357, 60.9708,

62.7525.

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

69.4357, 60.9708, 62.7525

Protanopia

59.2381, 61.2488, 69.6728

Deuteranopia

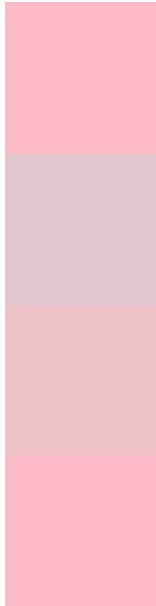
62.3820, 60.9594, 61.9045



Tritanopia

69.5529, 61.0177, 63.3701

Trichromacy



Original Color

69.4357, 60.9708, 62.7525

Protanomaly

62.3860, 60.8519, 66.8500

Deuteranomaly

64.8605, 60.8842, 62.3661

Tritanomaly

69.5529, 61.0177, 63.3701

Monochromacy



Original Color

69.4357, 60.9708, 62.7525

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.3913, 62.3983, 67.0955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4357, 60.9708, 62.7525 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, 187, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 200)  
}
```

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, 187, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 200) }
```

Border

The CSS property to change the border of an element to XYZ 69.4357, 60.9708, 62.7525 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, 187, 200) }
```


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

```
.border{ border-color:rgb(255, 187, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4357, 60.9708, 62.7525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 200) }
```

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

```
.background{ background-color: rgb(255,  
187, 200) }
```

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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