

Converting Colors

XYZ(69.6714, 59.9246, 67.5102)

Have a look what the booklet for
XYZ(69.6714, 59.9246, 67.5102)
contains.

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Color

**XYZ(69.7657, 60.0950,
67.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8D0
RGB	255, 184, 208
RGB Percent	100%, 72%, 82%
CMY	0.0000, 0.2784, 0.1843
CMYK	0.00, 0.28, 0.18, 0.00
HSL	340°, 100%, 86%
HSV	340°, 28%, 100%
XYZ	69.7657, 60.0950, 67.5970
YIQ	207.9650, 34.6120, 22.5160

Conversions

Conversions Part 2

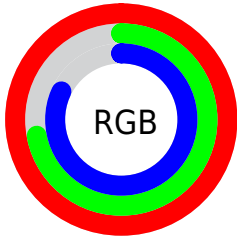
Format	Color
R _Y B	255, 184, 208
Decimal	16758992
CIE Lab	81.89, 29.09, -1.84
CIE LCh	82, 29.148, 356.380
Yxy	60.0950, 0.3533, 0.3043
Android (android.graphics.Color)	4294949072 (0xFFFFB8D0)
YUV	207.9650, 0.0173, 41.2497
Hunter-Lab	77.5210, 24.9810, 2.5648

Details

The XYZ color **69.7657, 60.0950, 67.5970** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9531, 87.4809, 88.8034**, and the grayscale version is **59.9170, 63.0373, 68.6476**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **36.8413, 30.1687, 34.4532** is the 20% darker color. If you saturate the color by 10%, you get **62.9705, 49.6536, 55.6247**, and if you desaturate by 10%, it is **77.7394, 72.5394, 81.0544**.

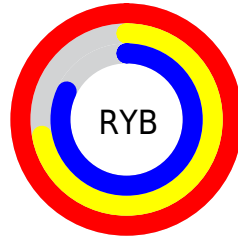
Distribution



Red (100%)

Green (72%)

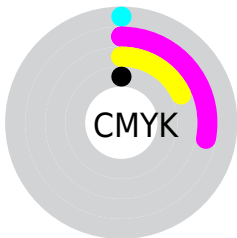
Blue (82%)



Red (100%)

Yellow (72%)

Blue (82%)

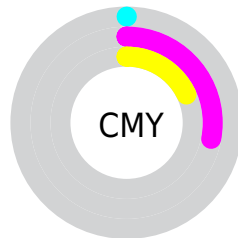


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7657, 60.0950, 67.5970 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 69.7657, 60.0950, 67.5970 by changing the saturation by 10% instead.


 69.7657, 60.0950,
67.5970

 69.7657, 60.0950,
67.5970


449.0062,
424.9478, 470.6261

 51.6144, 43.4952,
49.1053


 117.9027,
104.9675, 117.4242

 36.9209, 30.2739,
34.3368


148.6191,
134.0089, 149.5968

 25.3196, 20.0465,
22.8730


184.2546,
167.9664, 187.1667

 16.4453, 12.4289,
14.2954

225.1746,
207.2243, 230.5526

 9.9327, 7.0365,
8.1853

271.7444,
252.1670, 280.1729

 5.4163, 3.4849,
4.1243

324.3293,

 2.5308, 1.3898,

303.1789, 336.4463

1.6938

383.2948,
360.6444, 399.7911

■ 0.9108, 0.2092,
0.3565

■ 0.0000, 0.0000,
0.0000

■ 69.7657, 60.0950,
67.5970

■ 69.7657, 60.0950,
67.5970

■ 62.9705, 49.6536,
55.6247

■ 77.7394, 72.5394,
81.0544

■ 57.2916, 41.1020,
45.0805

■ 86.9416, 87.0767,
96.0437

■ 52.6670, 34.3278,
35.9087

95.0500, 100.0000,
108.9000

■ 49.0266, 29.2030,
28.0483

■ 46.2914, 25.5827,
21.4329

■ 44.3690, 23.2958,
15.9892

■ 43.1381, 22.1149,
11.6305

■ 42.9273, 21.9349,
10.8151

Harmonies

Analogous

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



67.5540, 60.0950, 86.0561



69.7657, 60.0950, 67.5970



68.3932, 60.0950, 51.4960

Triad

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



69.7657, 60.0950, 67.5970



52.0185, 60.0950, 39.5184



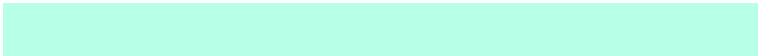
50.8118, 60.0950, 97.9193

Complementary

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



69.7657, 60.0950, 67.5970



69.9531, 87.4809, 88.8034

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.



47.1564, 60.0950, 81.6823



69.7657, 60.0950, 67.5970



47.8172, 60.0950, 48.4002

Square

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



69.7657, 60.0950, 67.5970



57.8691, 60.0950, 37.0955



46.1003, 60.0950, 63.3162



56.3744, 60.0950, 105.4344

Rectangle

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



69.7657, 60.0950, 67.5970



65.6802, 60.0950, 43.8310



46.1003, 60.0950, 63.3162



49.3351, 60.0950, 93.1725

Sweetspot

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



69.7671, 60.0976, 67.5982



86.7852, 86.8284, 95.7928



67.8737, 58.3516, 102.2934



18.2627, 18.0884, 20.0003



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.



69.7671, 60.0976, 67.5982



66.1173, 54.4663, 61.2390



69.3303, 63.5968, 53.9720



18.2627, 18.0884, 20.0003



22.4925, 11.4863, 5.9782



2.2386, 1.1378, 0.8380

Inverse Universe

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



69.7671, 60.0976, 67.5982



66.1173, 54.4663, 61.2390



70.2750, 82.3238, 106.7939



18.2627, 18.0884, 20.0003



22.4925, 11.4863, 5.9782



2.2386, 1.1378, 0.8380

Previews

White Background



This preview shows how the XYZ color 69.7657, 60.0950, 67.5970 looks on a white background.

Color Contrast Check

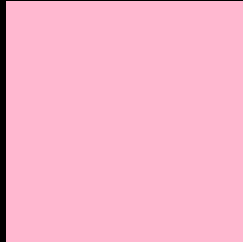
Large Text (above 18pt) WCAG AA × Fail

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 69.7657, 60.0950, 67.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

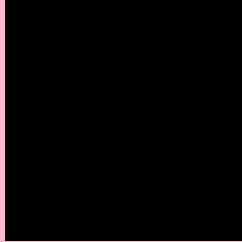
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7657, 60.0950, 67.5970

Background



This preview shows how black text looks on a background with the XYZ color 69.7657, 60.0950, 67.5970.



This preview shows how white text looks on a background with the XYZ color 69.7657, 60.0950,

67.5970.

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

69.7657, 60.0950, 67.5970

Protanopia

58.7707, 60.5229, 75.6024

Deuteranopia

61.7661, 60.5324, 66.8210



Tritanopia

68.6473, 59.9389, 62.5948

Trichromacy



Original Color

69.7657, 60.0950, 67.5970

Protanomaly

62.1299, 59.9157, 72.5803

Deuteranomaly

64.5934, 60.3071, 67.2675

Tritanomaly

69.0015, 60.0806, 64.4598

Monochromacy



Original Color

69.7657, 60.0950, 67.5970

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.8599, 61.4085, 68.2145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7657, 60.0950, 67.5970 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, 184, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 208) }
```

Border

The CSS property to change the border of an element to XYZ 69.7657, 60.0950, 67.5970 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, 184, 208) }
```


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

```
.border{ border-color:rgb(255, 184, 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, 184, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7657, 60.0950, 67.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 208) }
```

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

```
.background{ background-color: rgb(255,  
184, 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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