

Converting Colors

XYZ(147.1860, 100.0000,
70.2435)

Have a look what the booklet for
XYZ(147.1860, 100.0000, 70.2435)
contains.

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Color

**XYZ(69.5211, 59.9972,
66.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8CE
RGB	255, 184, 206
RGB Percent	100%, 72%, 81%
CMY	0.0000, 0.2784, 0.1922
CMYK	0.00, 0.28, 0.19, 0.00
HSL	341°, 100%, 86%
HSV	341°, 28%, 100%
XYZ	69.5211, 59.9972, 66.3090
YIQ	207.7370, 35.2540, 21.8940

Conversions

Conversions Part 2

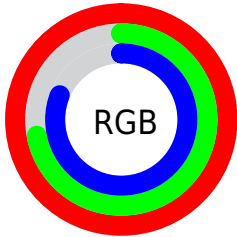
Format	Color
R _Y B	255, 184, 206
Decimal	16758990
CIE Lab	81.84, 28.79, -0.84
CIE LCh	82, 28.804, 358.326
Yxy	59.9972, 0.3550, 0.3064
Android (android.graphics.Color)	4294949070 (0xFFFFB8CE)
YUV	207.7370, -0.8563, 41.4497
Hunter-Lab	77.4579, 24.6587, 3.4644

Details

The XYZ color **69.5211, 59.9972, 66.3090** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2373, 87.5946, 90.3000**, and the grayscale version is **59.7746, 62.8875, 68.4845**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **36.6761, 30.1026, 33.5831** is the 20% darker color. If you saturate the color by 10%, you get **62.6738, 49.5349, 54.0622**, and if you desaturate by 10%, it is **77.5653, 72.4699, 80.1375**.

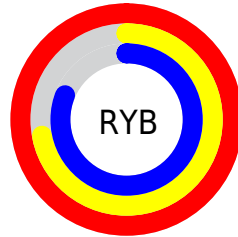
Distribution



Red (100%)

Green (72%)

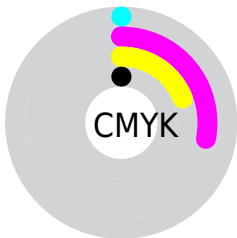
Blue (81%)



Red (100%)

Yellow (72%)

Blue (81%)

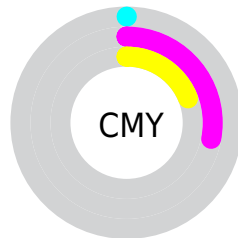


Cyan (0%)

Magenta (28%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5211, 59.9972, 66.3090 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 69.5211, 59.9972, 66.3090 by changing the saturation by 10% instead.


 69.5211, 59.9972,
66.3090

 69.5211, 59.9972,
66.3090


448.1594,
424.5875, 465.9155

 51.4144, 43.4164,
48.0652


 117.5556,
104.8256, 115.5609

 36.7609, 30.2119,
33.5182


148.2140,
133.8420, 147.4062

 25.1952, 19.9995,
22.2493


183.7871,
167.7723, 184.6223

 16.3521, 12.3947,
13.8402

224.6402,
207.0010, 227.6279

 9.8661, 7.0131,
7.8721

271.1386,
251.9125, 276.8415

 5.3718, 3.4703,
3.9266


323.6477,

 2.5040, 1.3819,


302.8911, 332.6816


1.5852


382.5328,
360.3213, 395.5667


 0.8973, 0.2033,
0.2802


 0.0000, 0.0000,
0.0000


 69.5211, 59.9972,
66.3090


 69.5211, 59.9972,
66.3090

 62.6738, 49.5349,
54.0622


 77.5653, 72.4699,
80.1375

 56.9602, 40.9695,
43.3349

 86.8573, 87.0430,
95.5994

 52.3171, 34.1878,
34.0662

95.0500, 100.0000,
108.9000

 48.6735, 29.0618,
26.1889

■ 45.9490, 25.4457,
19.6302

■ 44.0500, 23.1682,
14.3094

■ 42.8535, 22.0010,
10.1319

■ 42.6514, 21.8246,
9.3624

Harmonies

Analogous

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



67.5593, 59.9972, 84.5211



69.5211, 59.9972, 66.3090



67.9421, 59.9972, 50.6997

Triad

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



69.5211, 59.9972, 66.3090



51.6588, 59.9972, 40.0749



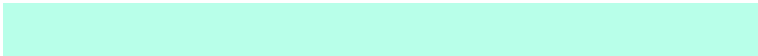
51.1074, 59.9972, 98.1465

Complementary

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



69.5211, 59.9972, 66.3090



70.2373, 87.5946, 90.3000

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.



47.3458, 59.9972, 82.5269



69.5211, 59.9972, 66.3090



47.6479, 59.9972, 49.2834

Square

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



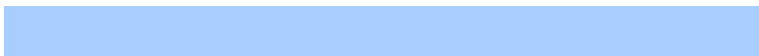
69.5211, 59.9972, 66.3090



57.3675, 59.9972, 37.2608



46.1248, 59.9972, 64.3543



56.6850, 59.9972, 104.8116

Rectangle

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



69.5211, 59.9972, 66.3090



65.1529, 59.9972, 43.3830



46.1248, 59.9972, 64.3543



49.6038, 59.9972, 93.6469

Sweetspot

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



69.5225, 59.9998, 66.3102



86.6992, 86.7940, 95.3400



68.6391, 58.7463, 102.3292



18.2411, 18.0798, 19.8868



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.



69.5225, 59.9998, 66.3102



65.8436, 54.3568, 59.7975



69.8635, 64.6633, 54.1498



18.2411, 18.0798, 19.8868



22.3448, 11.4272, 5.2001



2.2222, 1.1312, 0.7515

Inverse Universe

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



69.5225, 59.9998, 66.3102



65.8436, 54.3568, 59.7975



69.5661, 80.9061, 106.5577



18.2411, 18.0798, 19.8868



22.3448, 11.4272, 5.2001



2.2222, 1.1312, 0.7515

Previews

White Background



This preview shows how the XYZ color 69.5211, 59.9972, 66.3090 looks on a white background.

Color Contrast Check

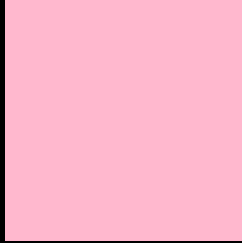
Large Text (above 18pt) WCAG AA × Fail

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 69.5211, 59.9972, 66.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

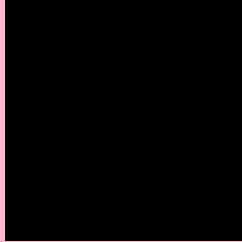
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5211, 59.9972, 66.3090

Background



This preview shows how black text looks on a background with the XYZ color 69.5211, 59.9972, 66.3090.



This preview shows how white text looks on a background with the XYZ color 69.5211, 59.9972,

66.3090.

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

69.5211, 59.9972, 66.3090

Protanopia

58.7822, 60.5590, 74.2365

Deuteranopia

61.2968, 59.9801, 65.4734



Tritanopia

68.5308, 59.8923, 61.9812

Trichromacy



Original Color

69.5211, 59.9972, 66.3090

Protanomaly

62.1816, 59.9719, 71.2492

Deuteranomaly

64.1300, 59.7692, 65.9142

Tritanomaly

68.8827, 60.0330, 63.8341

Monochromacy



Original Color

69.5211, 59.9972, 66.3090

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.7372, 61.3594, 67.5684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5211, 59.9972, 66.3090 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, 184, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 206) }
```

Border

The CSS property to change the border of an element to XYZ 69.5211, 59.9972, 66.3090 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, 184, 206) }
```


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

```
.border{ border-color:rgb(255, 184, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5211, 59.9972, 66.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 206) }
```

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

```
.background{ background-color: rgb(255,  
184, 206) }
```

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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