

Converting Colors

XYZ(69.3884, 59.5802, 66.7324)

Have a look what the booklet for
XYZ(69.3884, 59.5802, 66.7324)
contains.

XYZ(69.4360, 59.6320, 66.8819)	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(69.4360, 59.6320,
66.8819)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7CF
RGB	255, 183, 207
RGB Percent	100%, 72%, 81%
CMY	0.0000, 0.2823, 0.1882
CMYK	0.00, 0.28, 0.19, 0.00
HSL	340°, 100%, 86%
HSV	340°, 28%, 100%
XYZ	69.4360, 59.6320, 66.8819
YIQ	207.2640, 35.2080, 22.7280

Conversions

Conversions Part 2

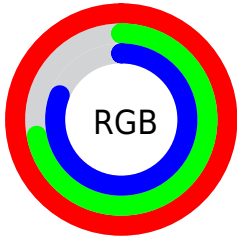
Format	Color
R _Y B	255, 183, 207
Decimal	16758735
CIE Lab	81.64, 29.47, -1.67
CIE LCh	82, 29.512, 356.754
Yxy	59.6320, 0.3544, 0.3043
Android (android.graphics.Color)	4294948815 (0xFFFFB7CF)
YUV	207.2640, -0.1302, 41.8645
Hunter-Lab	77.2218, 25.3649, 2.7041

Details

The XYZ color **69.4360, 59.6320, 66.8819** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7145, 87.3579, 88.7925**, and the grayscale version is **59.4646, 62.5614, 68.1293**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **36.6260, 29.8707, 33.9722** is the 20% darker color. If you saturate the color by 10%, you get **62.6771, 49.2633, 54.9206**, and if you desaturate by 10%, it is **77.3744, 72.0010, 80.3421**.

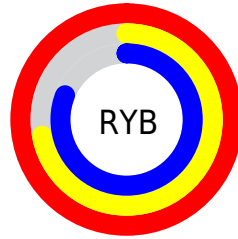
Distribution



Red (100%)

Green (72%)

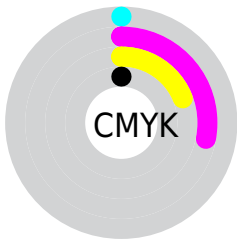
Blue (81%)



Red (100%)

Yellow (72%)

Blue (81%)

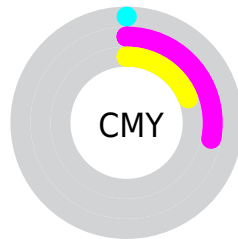


Cyan (0%)

Magenta (28%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4360, 59.6320, 66.8819 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 69.4360, 59.6320, 66.8819 by changing the saturation by 10% instead.


 69.4360, 59.6320,
66.8819

 69.4360, 59.6320,
66.8819


447.8646,
423.2400, 468.0143

 51.3448, 43.1221,
48.5277


 117.4348,
104.2957, 116.3902

 36.7052, 29.9809,
33.8820


148.0730,
133.2182, 148.3814

 25.1520, 19.8241,
22.5263

183.6244,
167.0470, 185.7552

 16.3197, 12.2672,
14.0421

224.4541,
206.1666, 228.9304

 9.8429, 6.9260,
8.0109

270.9277,
250.9613, 278.3253

 5.3564, 3.4158,
4.0140

323.4104,

 2.4947, 1.3525,

301.8155, 334.3586

1.6331

382.2676,
359.1136, 397.4487

■ 0.8926, 0.1813,
0.3142

■ 0.0000, 0.0000,
0.0000

■ 69.4360, 59.6320,
66.8819

■ 69.4360, 59.6320,
66.8819

■ 62.6771, 49.2633,
54.9206

■ 77.3744, 72.0010,
80.3421

■ 57.0348, 40.7813,
44.4002

■ 86.5423, 86.4603,
95.3489

■ 52.4469, 34.0730,
35.2641

95.0500, 100.0000,
108.9000

■ 48.8429, 29.0098,
27.4500

■ 46.1430, 25.4458,
20.8905

■ 44.2540, 23.2087,
15.5105

■ 43.0501, 22.0623,
11.2206

■ 42.8793, 21.9157,
10.5623

Harmonies

Analogous

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



67.2469, 59.6320, 85.5076



69.4360, 59.6320, 66.8819



68.0063, 59.6320, 50.7379

Triad

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



69.4360, 59.6320, 66.8819



51.4784, 59.6320, 38.9605



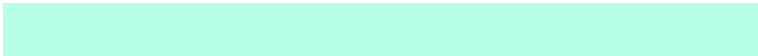
50.3895, 59.6320, 97.8806

Complementary

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



69.4360, 59.6320, 66.8819



69.7145, 87.3579, 88.7925

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.



46.6839, 59.6320, 81.5467



69.4360, 59.6320, 66.8819



47.2797, 59.6320, 47.9493

Square

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



69.4360, 59.6320, 66.8819



57.3562, 59.6320, 36.4545



45.5878, 59.6320, 63.0147



56.0060, 59.6320, 105.3388

Rectangle

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



69.4360, 59.6320, 66.8819



65.2465, 59.6320, 43.0958



45.5878, 59.6320, 63.0147



48.8953, 59.6320, 93.1155

Sweetspot

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



69.4374, 59.6346, 66.8831



86.7708, 86.8226, 95.7172



67.9404, 58.0788, 102.2372



18.2591, 18.0869, 19.9814



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.



69.4374, 59.6346, 66.8831



65.3986, 53.4164, 59.8049



69.3042, 63.7117, 53.4480



18.2591, 18.0869, 19.9814



22.4669, 11.4760, 5.8430



2.2358, 1.1367, 0.8231

Inverse Universe

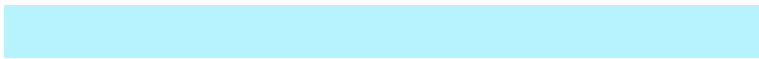
The Inverse Universe completely reimagines the original color for something new.



69.4374, 59.6346, 66.8831



65.3986, 53.4164, 59.8049



69.6308, 81.3899, 106.6476



18.2591, 18.0869, 19.9814



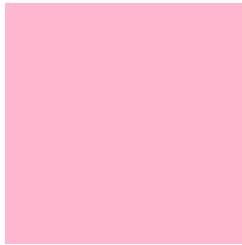
22.4669, 11.4760, 5.8430



2.2358, 1.1367, 0.8231

Previews

White Background



This preview shows how the XYZ color 69.4360, 59.6320, 66.8819 looks on a white background.

Color Contrast Check

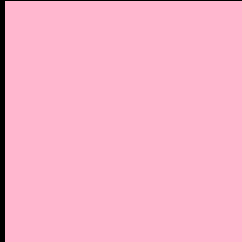
Large Text (above 18pt) WCAG AA × Fail

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 69.4360, 59.6320, 66.8819 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 69.4360, 59.6320, 66.8819

Background



This preview shows how black text looks on a background with the XYZ color 69.4360, 59.6320, 66.8819.



This preview shows how white text looks on a background with the XYZ color 69.4360, 59.6320,

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

69.4360, 59.6320, 66.8819

Protanopia

58.4040, 59.9995, 74.8325

Deuteranopia

60.9895, 59.8217, 65.4590



Tritanopia

68.3223, 59.4753, 61.9117

Trichromacy



Original Color

69.4360, 59.6320, 66.8819

Protanomaly

61.7769, 59.4148, 71.8305

Deuteranomaly

63.8008, 59.5995, 65.8988

Tritanomaly

68.6742, 59.6161, 63.7646

Monochromacy



Original Color

69.4360, 59.6320, 66.8819

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

62.1970, 60.7405, 67.4774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4360, 59.6320, 66.8819 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, 183, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 207)  
}
```

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, 183, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 207) }
```

Border

The CSS property to change the border of an element to XYZ 69.4360, 59.6320, 66.8819 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, 183, 207) }
```


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

```
.border{ border-color:rgb(255, 183, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4360, 59.6320, 66.8819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 207) }
```

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

```
.background{ background-color: rgb(255,  
183, 207) }
```

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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