

Converting Colors

XYZ(69.4185, 59.7578, 66.3804)

Have a look what the booklet for
XYZ(69.4185, 59.7578, 66.3804)
contains.

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Color

**XYZ(69.3141, 59.5832,
66.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7CE
RGB	255, 183, 206
RGB Percent	100%, 72%, 81%
CMY	0.0000, 0.2823, 0.1922
CMYK	0.00, 0.28, 0.19, 0.00
HSL	341°, 100%, 86%
HSV	341°, 28%, 100%
XYZ	69.3141, 59.5832, 66.2400
YIQ	207.1500, 35.5290, 22.4170

Conversions

Conversions Part 2

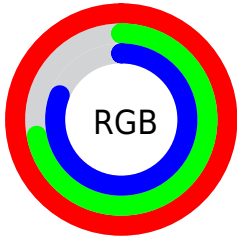
Format	Color
R _Y B	255, 183, 206
Decimal	16758734
CIE Lab	81.61, 29.32, -1.17
CIE LCh	82, 29.340, 357.712
Yxy	59.5832, 0.3552, 0.3053
Android (android.graphics.Color)	4294948814 (0xFFFFB7CE)
YUV	207.1500, -0.5670, 41.9644
Hunter-Lab	77.1902, 25.2041, 3.1540

Details

The XYZ color **69.3141, 59.5832, 66.2400** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8561, 87.4145, 89.5385**, and the grayscale version is **59.3936, 62.4867, 68.0480**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **36.5437, 29.8378, 33.5390** is the 20% darker color. If you saturate the color by 10%, you get **62.5297, 49.2043, 54.1446**, and if you desaturate by 10%, it is **77.2869, 71.9659, 79.8816**.

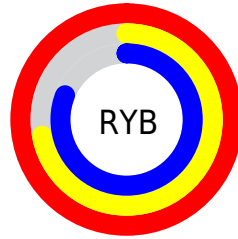
Distribution



Red (100%)

Green (72%)

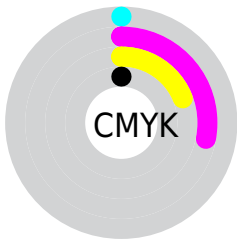
Blue (81%)



Red (100%)

Yellow (72%)

Blue (81%)

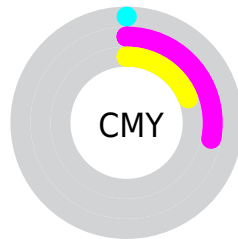


Cyan (0%)

Magenta (28%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3141, 59.5832, 66.2400 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 69.3141, 59.5832, 66.2400 by changing the saturation by 10% instead.

69.3141, 59.5832,
66.2400

69.3141, 59.5832,
66.2400

447.4421,
423.0598, 465.6623

51.2451, 43.0828,
48.0095

117.2617,
104.2248, 115.4610

36.6256, 29.9501,
33.4744

147.8711,
133.1348, 147.2887

25.0901, 19.8007,
22.2160

183.3912,
166.9500, 184.4858

16.2733, 12.2502,
13.8159

224.1876,
206.0550, 227.4709

9.8098, 6.9143,
7.8554

270.6255,
250.8341, 276.6626

5.3343, 3.4086,
3.9161

323.0703,

2.4815, 1.3486,

301.6716, 332.4793

1.5795

381.8874,
358.9521, 395.3398

0.8859, 0.1784,
0.2761

0.0000, 0.0000,
0.0000

69.3141, 59.5832,
66.2400

69.3141, 59.5832,
66.2400

62.5297, 49.2043,
54.1446

77.2869, 71.9659,
79.8816

56.8705, 40.7156,
43.5351

86.4987, 86.4428,
95.1196

52.2737, 34.0037,
34.3520

95.0500, 100.0000,
108.9000

48.6682, 28.9399,
26.5303

■ 45.9737, 25.3780,
19.9991

■ 44.0963, 23.1456,
14.6800

■ 42.9094, 22.0060,
10.4796

■ 42.7421, 21.8608,
9.8398

Harmonies

Analogous

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



67.2496, 59.5832, 84.7410



69.3141, 59.5832, 66.2400



67.7814, 59.5832, 50.3420

Triad

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



69.3141, 59.5832, 66.2400



51.2994, 59.5832, 39.2351



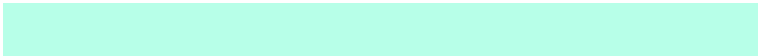
50.5362, 59.5832, 97.9948

Complementary

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



69.3141, 59.5832, 66.2400



69.8561, 87.4145, 89.5385

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.



46.7777, 59.5832, 81.9683



69.3141, 59.5832, 66.2400



47.1953, 59.5832, 48.3867

Square

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



69.3141, 59.5832, 66.2400



57.1063, 59.5832, 36.5356



45.5997, 59.5832, 63.5308



56.1604, 59.5832, 105.0280

Rectangle

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



69.3141, 59.5832, 66.2400



64.9836, 59.5832, 42.8733



45.5997, 59.5832, 63.5308



49.0286, 59.5832, 93.3530

Sweetspot

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



69.3155, 59.5858, 66.2412



86.7284, 86.8057, 95.4939



67.9404, 58.0788, 102.2372



18.2484, 18.0827, 19.9254



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.



69.3155, 59.5858, 66.2412



65.2610, 53.3613, 59.0801



69.3041, 63.7117, 53.4480



18.2484, 18.0827, 19.9254



22.3934, 11.4467, 5.4562



2.2276, 1.1334, 0.7802

Inverse Universe

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



69.3155, 59.5858, 66.2412



65.2610, 53.3613, 59.0801



69.6308, 81.3898, 106.6476



18.2484, 18.0827, 19.9254



22.3934, 11.4467, 5.4562



2.2276, 1.1334, 0.7802

Previews

White Background



This preview shows how the XYZ color 69.3141, 59.5832, 66.2400 looks on a white background.

Color Contrast Check

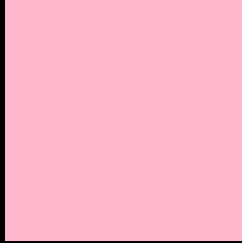
Large Text (above 18pt) WCAG AA × Fail

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 69.3141, 59.5832, 66.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

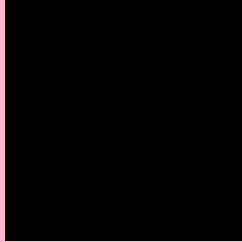
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3141, 59.5832, 66.2400

Background



This preview shows how black text looks on a background with the XYZ color 69.3141, 59.5832, 66.2400.



This preview shows how white text looks on a background with the XYZ color 69.3141, 59.5832,

66.2400.

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

69.3141, 59.5832, 66.2400

Protanopia

58.2735, 59.9473, 74.1453

Deuteranopia

60.8699, 59.7739, 64.8292



Tritanopia

68.2066, 59.4290, 61.3022

Trichromacy



Original Color

69.3141, 59.5832, 66.2400



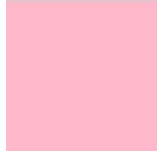
Protanomaly

61.6495, 59.3639, 71.1599



Deuteranomaly

63.6804, 59.5513, 65.2650



Tritanomaly

68.5562, 59.5689, 63.1430

Monochromacy



Original Color

69.3141, 59.5832, 66.2400



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 69.3141, 59.5832, 66.2400 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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, 183, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 206) }
```

Border

The CSS property to change the border of an element to XYZ 69.3141, 59.5832, 66.2400 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, 206) }
```


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

```
.border{ border-color:rgb(255, 183, 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, 183, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3141, 59.5832, 66.2400 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, 206) }
```

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

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