

Converting Colors

XYZ(67.7536, 59.7979, 71.2076)

Have a look what the booklet for
XYZ(67.7536, 59.7979, 71.2076)
contains.

XYZ(67.7866, 59.9376, 70.9472)	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(67.7866, 59.9376,
70.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	F6BBD5
RGB	246, 187, 213
RGB Percent	96%, 73%, 84%
CMY	0.0353, 0.2666, 0.1647
CMYK	0.00, 0.24, 0.13, 0.04
HSL	334°, 77%, 85%
HSV	334°, 24%, 96%
XYZ	67.7866, 59.9376, 70.9472
YIQ	207.6050, 26.8180, 20.5940

Conversions

Conversions Part 2

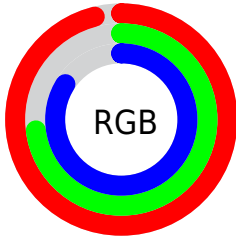
Format	Color
R _Y B	246, 187, 213
Decimal	16169941
CIE Lab	81.80, 25.15, -4.76
CIE LCh	82, 25.600, 349.282
Yxy	59.9376, 0.3412, 0.3017
Android (android.graphics.Color)	4294360021 (0xFFFF6BBD5)
YUV	207.6050, 2.6597, 33.6724
Hunter-Lab	77.4194, 20.8065, -0.1399

Details

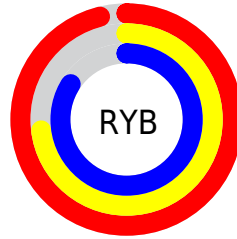
The XYZ color **67.7866, 59.9376, 70.9472** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.3700, 81.6452, 79.9750**, and the grayscale version is **59.6712, 62.7788, 68.3661**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **35.5453, 30.0625, 36.2769** is the 20% darker color. If you saturate the color by 10%, you get **61.3351, 49.7116, 60.5422**, and if you desaturate by 10%, it is **75.2837, 72.0161, 82.4333**.

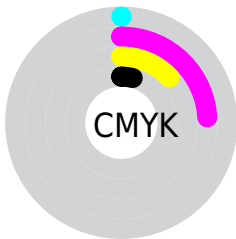
Distribution



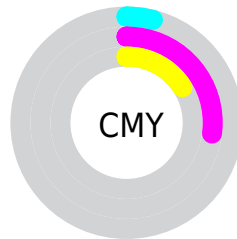
- Red (96%)
- Green (73%)
- Blue (84%)



- Red (96%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7866, 59.9376, 70.9472 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 67.7866, 59.9376, 70.9472 by changing the saturation by 10% instead.

67.7866, 59.9376,
70.9472

67.7866, 59.9376,
70.9472

442.1281,
424.3677, 482.7475

49.9972, 43.3683,
51.8175

115.0904,
104.7391, 122.2523

35.6290, 30.1742,
36.4784

145.3355,
133.7402, 155.2648

24.3165, 19.9709,
24.5113

180.4632,
167.6540, 193.7420

15.6946, 12.3739,
15.4976

220.8388,
206.8649, 238.1025

9.3978, 6.9988,
9.0189

266.8278,
251.7574, 288.7647

5.0607, 3.4614,
4.6565

318.7954,

2.3181, 1.3771,

302.7157, 346.1473

1.9920

377.1071,
360.1244, 410.6687

■ 0.8039, 0.1997,
0.5503

■ 0.0000, 0.0000,
0.0000

■ 67.7866, 59.9376,
70.9472

■ 67.7866, 59.9376,
70.9472

■ 61.3351, 49.7116,
60.5422

■ 75.2837, 72.0161,
82.4333

■ 55.8748, 41.2374,
51.1800

■ 83.8670, 86.0250,
95.0295

■ 51.3540, 34.4170,
42.8255

■ 91.7010, 98.2868,
108.1413

■ 47.7141, 29.1395,
35.4393

■ 91.8163, 98.3330,
108.7487

■ 44.8893, 25.2801,
28.9792

■ 42.8040, 22.6943,
23.3983

■ 41.3664, 21.2060,
18.6436

■ 40.7343, 20.6842,
16.1439

Harmonies

Analogous

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



65.2024, 59.9376, 86.6346



67.7866, 59.9376, 70.9472



67.3372, 59.9376, 55.9309

Triad

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



67.7866, 59.9376, 70.9472



53.6101, 59.9376, 41.0347



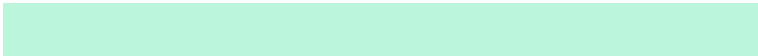
50.4634, 59.9376, 90.4808

Complementary

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



67.7866, 59.9376, 70.9472



66.3700, 81.6452, 79.9750

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.



47.7236, 59.9376, 75.5769



67.7866, 59.9376, 70.9472



49.4594, 59.9376, 47.7294

Square

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



67.7866, 59.9376, 70.9472



58.9209, 59.9376, 40.1974



47.3680, 59.9376, 59.8887



55.0605, 59.9376, 99.0386

Rectangle

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



67.7866, 59.9376, 70.9472



65.3856, 59.9376, 48.1943



47.3680, 59.9376, 59.8887



49.3074, 59.9376, 85.9469

Sweetspot

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



67.7883, 59.9403, 70.9484



88.0514, 88.5088, 98.8416



63.7562, 57.3275, 94.8945



18.7235, 18.7432, 20.9766



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.



67.7883, 59.9403, 70.9484



69.8651, 59.1645, 71.1119



65.3805, 59.9888, 55.1501



16.8025, 16.6038, 18.7064



21.8101, 11.0675, 8.9743



1.9677, 0.9930, 1.0561

Inverse Universe

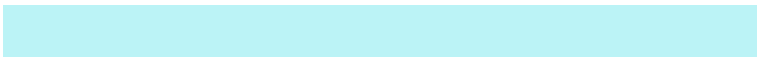
The Inverse Universe completely reimagines the original color for something new.



67.7883, 59.9403, 70.9484



69.8651, 59.1645, 71.1119



69.1955, 81.3512, 99.2448



16.8025, 16.6038, 18.7064



21.8101, 11.0675, 8.9743



1.9677, 0.9930, 1.0561

Previews

White Background



This preview shows how the XYZ color 67.7866, 59.9376, 70.9472 looks on a white background.

Color Contrast Check

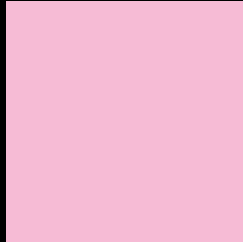
Large Text (above 18pt) WCAG AA × Fail

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 67.7866, 59.9376, 70.9472 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 67.7866, 59.9376, 70.9472

Background



This preview shows how black text looks on a background with the XYZ color 67.7866, 59.9376, 70.9472.



This preview shows how white text looks on a background with the XYZ color 67.7866, 59.9376,

70.9472.

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

67.7866, 59.9376, 70.9472

Protanopia

58.6625, 60.0715, 77.6104

Deuteranopia

61.4672, 60.3070, 70.0288



Tritanopia

66.6333, 60.1195, 64.5922

Trichromacy



Original Color

67.7866, 59.9376, 70.9472

Protanomaly

61.6659, 59.9524, 75.3397

Deuteranomaly

63.4886, 59.9951, 70.5213

Tritanomaly

66.9019, 59.8839, 67.0641

Monochromacy



Original Color

67.7866, 59.9376, 70.9472

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.4113, 61.4913, 69.5523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7866, 59.9376, 70.9472 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(246, 187, 213)` looks like.

```
.text, #text, p{  
    color:rgb(246, 187, 213)  
}
```

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(246, 187, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 187, 213) }
```

Border

The CSS property to change the border of an element to XYZ 67.7866, 59.9376, 70.9472 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(246, 187, 213) }
```


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

```
.border{ border-color:rgb(246, 187, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 187, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 187, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 187, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 187,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7866, 59.9376, 70.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 187, 213) }
```

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

```
.background{ background-color: rgb(246,  
187, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor