

Converting Colors

XYZ(68.2308, 61.5541, 67.6528)

Have a look what the booklet for
XYZ(68.2308, 61.5541, 67.6528)
contains.

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Color

**XYZ(68.3737, 61.5898,
67.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BFD0
RGB	247, 191, 208
RGB Percent	97%, 75%, 82%
CMY	0.0314, 0.2510, 0.1843
CMYK	0.00, 0.23, 0.16, 0.03
HSL	342°, 78%, 86%
HSV	342°, 23%, 97%
XYZ	68.3737, 61.5898, 67.9588
YIQ	209.6820, 27.9190, 17.1590

Conversions

Conversions Part 2

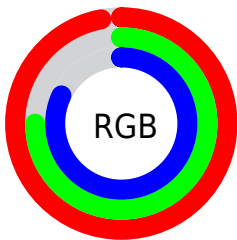
Format	Color
R _Y B	247, 191, 208
Decimal	16236496
CIE Lab	82.69, 22.60, -0.76
CIE LCh	83, 22.613, 358.084
Yxy	61.5898, 0.3455, 0.3112
Android (android.graphics.Color)	4294426576 (0xFFF7BFD0)
YUV	209.6820, -0.8292, 32.7279
Hunter-Lab	78.4792, 18.1767, 3.5934

Details

The XYZ color **68.3737, 61.5898, 67.9588** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0320, 83.3126, 87.3095**, and the grayscale version is **61.0440, 64.2230, 69.9389**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **36.0136, 31.1716, 34.6904** is the 20% darker color. If you saturate the color by 10%, you get **61.4317, 50.9108, 55.7627**, and if you desaturate by 10%, it is **76.4572, 74.1829, 81.6695**.

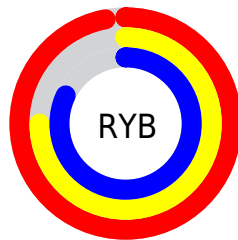
Distribution



Red (97%)

Green (75%)

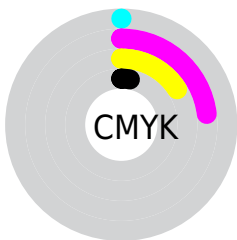
Blue (82%)



Red (97%)

Yellow (75%)

Blue (82%)

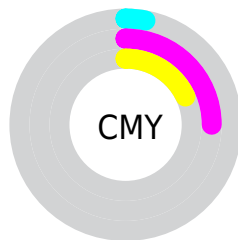


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (3%)



Cyan (3%)

Magenta (25%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3737, 61.5898, 67.9588 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 68.3737, 61.5898, 67.9588 by changing the saturation by 10% instead.

68.3737, 61.5898,
67.9588

68.3737, 61.5898,
67.9588

444.1749,
430.4332, 471.9441

50.4766, 44.7013,
49.3977

115.9256,
107.1325, 117.9469

36.0116, 31.2222,
34.5673

146.3110,
136.5554, 150.2109

24.6133, 20.7681,
23.0489

181.5900,
170.9254, 187.8798

15.9164, 12.9546,
14.4239

222.1279,
210.6267, 231.3719

9.5555, 7.3973,
8.2740

268.2899,
256.0437, 281.1058

5.1652, 3.7118,
4.1805

320.4415,

2.3803, 1.5137,

307.5609, 337.5002

1.7249

378.9481,
365.5626, 400.9734

0.8353, 0.2983,
0.3777

0.0000, 0.0000,
0.0000

68.3737, 61.5898,
67.9588

68.3737, 61.5898,
67.9588

61.4317, 50.9108,
55.7627

76.4572, 74.1829,
81.6695

55.5730, 42.0434,
45.0238

85.7261, 88.7691,
96.9417

50.7423, 34.8885,
35.6864

92.1680, 98.5143,
108.7651

46.8770, 29.3338,
27.6896

■ 43.9073, 25.2537,
20.9678

■ 41.7535, 22.5034,
15.4489

■ 40.3201, 20.9079,
11.0518

■ 39.6270, 20.2819,
8.4772

Harmonies

Analogous

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



66.8261, 61.5898, 82.2115



68.3737, 61.5898, 67.9588



67.1676, 61.5898, 55.2458

Triad

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



68.3737, 61.5898, 67.9588



54.2537, 61.5898, 46.1307



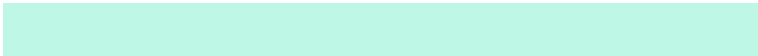
53.7413, 61.5898, 92.4105

Complementary

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



68.3737, 61.5898, 67.9588



69.0320, 83.3126, 87.3095

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.



50.6834, 61.5898, 80.4506



68.3737, 61.5898, 67.9588



50.9675, 61.5898, 53.8962

Square

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



68.3737, 61.5898, 67.9588



58.8520, 61.5898, 43.7322



49.6962, 61.5898, 66.1708



58.2277, 61.5898, 97.4873

Rectangle

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



68.3737, 61.5898, 67.9588



64.9997, 61.5898, 49.0689



49.6962, 61.5898, 66.1708



52.5218, 61.5898, 88.9873

Sweetspot

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



68.3754, 61.5926, 67.9601



87.6801, 88.3602, 96.8862



67.8197, 60.6819, 96.1346



18.6376, 18.7088, 20.5244



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

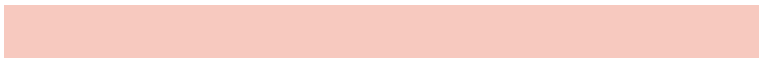
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.3754, 61.5926, 67.9601



70.0988, 60.9483, 67.1313



68.7127, 65.4362, 58.3025



16.7062, 16.5653, 18.1992



21.0123, 10.7483, 4.7729



1.8905, 0.9622, 0.6499

Inverse Universe

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



68.3754, 61.5926, 67.9601



70.0988, 60.9483, 67.1313



68.4835, 78.2076, 99.4824



16.7062, 16.5653, 18.1992



21.0123, 10.7483, 4.7729



1.8905, 0.9622, 0.6499

Previews

White Background



This preview shows how the XYZ color 68.3737, 61.5898, 67.9588 looks on a white background.

Color Contrast Check

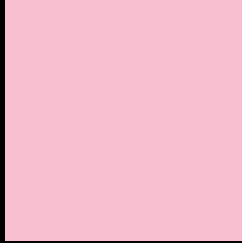
Large Text (above 18pt) WCAG AA × Fail

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 68.3737, 61.5898, 67.9588 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 68.3737, 61.5898, 67.9588

Background



This preview shows how black text looks on a background with the XYZ color 68.3737, 61.5898, 67.9588.



This preview shows how white text looks on a background with the XYZ color 68.3737, 61.5898,

67.9588.

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

68.3737, 61.5898, 67.9588

Protanopia

59.9581, 61.8859, 73.7508

Deuteranopia

63.1589, 61.9335, 67.0181



Tritanopia

68.1292, 61.4920, 66.6709

Trichromacy



Original Color

68.3737, 61.5898, 67.9588

Protanomaly

62.7887, 61.6422, 71.5396

Deuteranomaly

65.1604, 61.9299, 67.5508

Tritanomaly

68.2511, 61.5408, 67.3128

Monochromacy



Original Color

68.3737, 61.5898, 67.9588

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.2960, 63.0033, 69.1464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3737, 61.5898, 67.9588 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(247, 191, 208)` looks like.

```
.text, #text, p{  
    color:rgb(247, 191, 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(247, 191, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 191, 208) }
```

Border

The CSS property to change the border of an element to XYZ 68.3737, 61.5898, 67.9588 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(247, 191, 208) }
```


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

```
.border{ border-color:rgb(247, 191, 208) }
```

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

Here you see how a box with a 4 pixel rgb(247, 191, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 191, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 191, 208);  
box-shadow:4px 4px 4px 4px rgb(247, 191,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3737, 61.5898, 67.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 191, 208) }
```

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

```
.background{ background-color: rgb(247,  
191, 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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