

Converting Colors

XYZ(69.2318, 57.2047, 86.4353)

Have a look what the booklet for
XYZ(69.2318, 57.2047, 86.4353)
contains.

XYZ(69.2202, 57.2746, 86.7637)	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(69.2202, 57.2746,
86.7637)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B1EC
RGB	247, 177, 236
RGB Percent	97%, 69%, 93%
CMY	0.0314, 0.3059, 0.0745
CMYK	0.00, 0.28, 0.04, 0.03
HSL	309°, 81%, 83%
HSV	309°, 28%, 97%
XYZ	69.2202, 57.2746, 86.7637
YIQ	204.6560, 22.7810, 33.1890

Conversions

Conversions Part 2

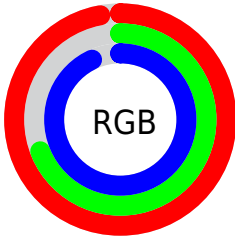
Format	Color
R _Y B	247, 177, 236
Decimal	16232940
CIE Lab	80.33, 34.62, -19.33
CIE LCh	80, 39.648, 330.826
Yxy	57.2746, 0.3246, 0.2686
Android (android.graphics.Color)	4294423020 (0xFFF7B1EC)
YUV	204.6560, 15.4526, 37.1357
Hunter-Lab	75.6800, 30.8239, -14.9973

Details

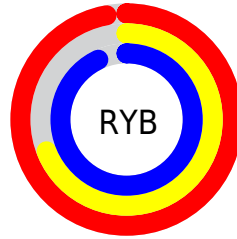
The XYZ color **69.2202, 57.2746, 86.7637** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.4716, 79.5011, 59.7384**, and the grayscale version is **57.7063, 60.7115, 66.1149**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **36.5564, 28.4084, 46.7366** is the 20% darker color. If you saturate the color by 10%, you get **64.2186, 48.1632, 82.3446**, and if you desaturate by 10%, it is **75.1205, 68.1619, 91.5441**.

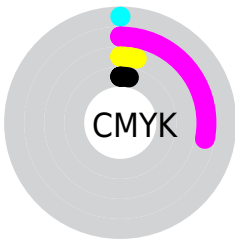
Distribution



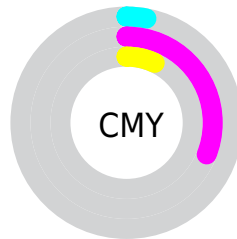
- Red (97%)
- Green (69%)
- Blue (93%)



- Red (97%)
- Yellow (69%)
- Blue (93%)



- Cyan (0%)
- Magenta (28%)
- Yellow (4%)
- Black (3%)



- Cyan (3%)
- Magenta (31%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2202, 57.2746, 86.7637 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 69.2202, 57.2746, 86.7637 by changing the saturation by 10% instead.

69.2202, 57.2746,
86.7637

69.2202, 57.2746,
86.7637

447.1165,
414.4775, 537.7421

51.1684, 41.2257,
64.7412

117.1284,
100.8658, 144.7307

36.5642, 28.4955,
46.8012

147.7154,
129.1768, 181.5122

25.0424, 18.6995,
32.5253

183.2116,
162.3441, 224.0505

16.2375, 11.4534,
21.4949

223.9822,
200.7520, 272.7641

9.7843, 6.3726,
13.2915

270.3926,
244.7849, 328.0715

5.3173, 3.0730,
7.4965

322.8083,

2.4713, 1.1699,

294.8272, 390.3913

3.6914

381.5944,
351.2632, 460.1420

■ 0.8808, 0.0370,
1.4576

■ 0.0000, 0.0000,
0.1860

■ 69.2202, 57.2746,
86.7637

■ 69.2202, 57.2746,
86.7637

■ 64.2186, 48.1632,
82.3446

■ 75.1205, 68.1619,
91.5441

■ 60.0626, 40.7247,
78.2669

■ 81.9585, 80.9055,
96.6973

■ 56.7019, 34.8572,
74.5139

■ 89.7770, 95.5905,
102.2385

■ 54.0784, 30.4448,
71.0661

■ 91.6141, 98.2928,
105.8476

■ 52.1259, 27.3555,
67.9008

■ 92.1682, 98.5144,
108.7651

■ 50.7663, 25.4330,
64.9918

■ 49.8902, 24.4585,
62.3021

■ 49.7660, 24.3375,
61.8678

Harmonies

Analogous

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



62.8260, 57.2746, 109.1113



69.2202, 57.2746, 86.7637



71.5661, 57.2746, 61.7207

Triad

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



69.2202, 57.2746, 86.7637



54.2133, 57.2746, 27.5178



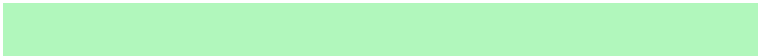
42.1149, 57.2746, 88.1610

Complementary

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



69.2202, 57.2746, 86.7637



60.4716, 79.5011, 59.7384

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.



40.2868, 57.2746, 63.0084



69.2202, 57.2746, 86.7637



46.8316, 57.2746, 31.3360

Square

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



69.2202, 57.2746, 86.7637



62.3985, 57.2746, 30.9308



41.9257, 57.2746, 43.0273



47.1847, 57.2746, 110.0489

Rectangle

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



69.2202, 57.2746, 86.7637



70.3523, 57.2746, 47.7938



41.9257, 57.2746, 43.0273



41.1248, 57.2746, 79.6259

Sweetspot

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



69.2220, 57.2771, 86.7649



87.5854, 85.9912, 103.5739



53.1293, 48.7907, 94.6140



18.5059, 17.9553, 21.9916



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.



69.2220, 57.2771, 86.7649



71.2313, 55.7495, 90.5193



64.6835, 55.4618, 62.8658



17.0952, 16.7209, 20.2477



26.3631, 12.8887, 32.9499



2.3465, 1.1446, 3.0511

Inverse Universe

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



69.2220, 57.2771, 86.7649



71.2313, 55.7495, 90.5193



64.6462, 81.1710, 81.7214



17.0952, 16.7209, 20.2477



26.3631, 12.8887, 32.9499



2.3465, 1.1446, 3.0511

Previews

White Background



This preview shows how the XYZ color 69.2202, 57.2746, 86.7637 looks on a white background.

Color Contrast Check

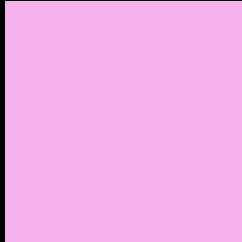
Large Text (above 18pt) WCAG AA × Fail

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 69.2202, 57.2746, 86.7637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

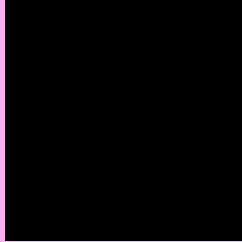
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2202, 57.2746, 86.7637

Background



This preview shows how black text looks on a background with the XYZ color 69.2202, 57.2746, 86.7637.



This preview shows how white text looks on a background with the XYZ color 69.2202, 57.2746,

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

69.2202, 57.2746, 86.7637

Protanopia

57.9429, 57.8551, 98.5557

Deuteranopia

58.8517, 57.6099, 85.1088



Tritanopia

63.9515, 57.2354, 61.1030

Trichromacy



Original Color

69.2202, 57.2746, 86.7637



Protanomaly

61.1894, 56.9748, 94.1584



Deuteranomaly

62.0479, 56.9670, 85.5674



Tritanomaly

65.7158, 57.0343, 69.8325

Monochromacy



Original Color

69.2202, 57.2746, 86.7637



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.4250, 59.2037, 73.1558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2202, 57.2746, 86.7637 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, 177, 236)` looks like.

```
.text, #text, p{  
    color:rgb(247, 177, 236)  
}
```

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, 177, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 177, 236) }
```

Border

The CSS property to change the border of an element to XYZ 69.2202, 57.2746, 86.7637 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, 177, 236) }
```


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

```
.border{ border-color:rgb(247, 177, 236) }
```

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

Here you see how a box with a 4 pixel rgb(247, 177, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 177, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 177, 236);  
box-shadow:4px 4px 4px 4px rgb(247, 177,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2202, 57.2746, 86.7637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 177, 236) }
```

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

```
.background{ background-color: rgb(247,  
177, 236) }
```

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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