

Converting Colors

XYZ(70.2054, 57.0896, 86.5309)

Have a look what the booklet for
XYZ(70.2054, 57.0896, 86.5309)
contains.

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Color

**XYZ(70.2540, 57.2253,
86.6997)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAFEC
RGB	251, 175, 236
RGB Percent	98%, 69%, 93%
CMY	0.0157, 0.3137, 0.0745
CMYK	0.00, 0.30, 0.06, 0.02
HSL	312°, 90%, 84%
HSV	312°, 30%, 98%
XYZ	70.2540, 57.2253, 86.6997
YIQ	204.6780, 25.7150, 35.0830

Conversions

Conversions Part 2

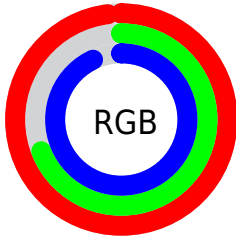
Format	Color
R _Y B	251, 175, 236
Decimal	16494572
CIE Lab	80.31, 36.97, -19.33
CIE LCh	80, 41.715, 332.396
Yxy	57.2253, 0.3280, 0.2672
Android (android.graphics.Color)	4294684652 (0xFFFBAFEC)
YUV	204.6780, 15.4417, 40.6244
Hunter-Lab	75.6474, 33.3906, -14.9992

Details

The XYZ color **70.2540, 57.2253, 86.6997** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.4730, 81.8279, 61.2731**, and the grayscale version is **57.7190, 60.7249, 66.1294**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **37.0679, 28.3075, 46.6902** is the 20% darker color. If you saturate the color by 10%, you get **65.1059, 48.0642, 81.4818**, and if you desaturate by 10%, it is **76.3335, 68.2153, 92.3279**.

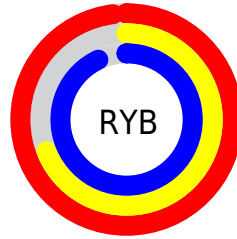
Distribution



Red (98%)

Green (69%)

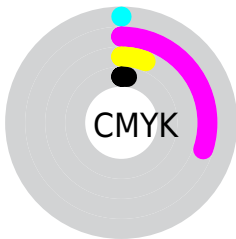
Blue (93%)



Red (98%)

Yellow (69%)

Blue (93%)

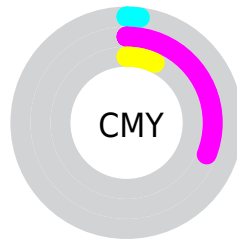


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2540, 57.2253, 86.6997 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 70.2540, 57.2253, 86.6997 by changing the saturation by 10% instead.


 70.2540, 57.2253,
86.6997

 70.2540, 57.2253,
86.6997

450.6939,
414.2930, 537.5261

 52.0140, 41.1862,
64.6885


 118.5952,
100.7939, 144.6407

 37.2405, 28.4646,
46.7588

149.4271,
129.0921, 181.4075

 25.5683, 18.6762,
32.4920

185.1870,
162.2454, 223.9300

 16.6319, 11.4365,
21.4697

226.2402,
200.6383, 272.6267

 10.0661, 6.3612,
13.2732

272.9522,
244.6551, 327.9162

 5.5054, 3.0660,
7.4840

325.6882,

 2.5845, 1.1663,

294.6802, 390.2168

3.6836

384.8136,
351.0980, 459.9473

■ 0.9381, 0.0339,
1.4534

■ 0.0000, 0.0000,
0.1829

■ 70.2540, 57.2253,
86.6997

■ 70.2540, 57.2253,
86.6997

■ 65.1059, 48.0642,
81.4818

■ 76.3335, 68.2153,
92.3279

■ 60.8333, 40.6236,
76.6528

■ 83.3858, 81.1197,
98.3790

■ 57.3827, 34.7952,
72.1948

■ 91.4562, 96.0276,
104.8695

■ 54.6920, 30.4556,
68.0862

■ 93.5942, 99.2495,
108.8319

■ 52.6904, 27.4633,
64.3026

■ 51.2932, 25.6492,
60.8150

■ 50.3807, 24.7481,
57.6625

Harmonies

Analogous

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



63.6574, 57.2253, 110.9665



70.2540, 57.2253, 86.6997



72.4737, 57.2253, 60.3663

Triad

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



70.2540, 57.2253, 86.6997



53.7084, 57.2253, 26.1809



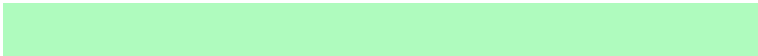
41.6872, 57.2253, 91.0065

Complementary

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



70.2540, 57.2253, 86.6997



61.4730, 81.8279, 61.2731

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.



39.5979, 57.2253, 64.2922



70.2540, 57.2253, 86.6997



46.0704, 57.2253, 30.4732

Square

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



70.2540, 57.2253, 86.6997



62.3481, 57.2253, 29.2709



41.1158, 57.2253, 42.9836



47.1413, 57.2253, 113.8755

Rectangle

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



70.2540, 57.2253, 86.6997



71.0036, 57.2253, 46.0746



41.1158, 57.2253, 42.9836



40.5954, 57.2253, 81.9677

Sweetspot

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



70.2558, 57.2279, 86.7009



87.4398, 85.9330, 102.8075



53.7149, 48.4382, 97.7864



18.4699, 17.9409, 21.8018



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.



70.2558, 57.2279, 86.7009



69.6413, 53.6329, 86.7106



65.4323, 55.2985, 61.3011



17.8376, 17.4624, 21.0003



26.5347, 13.0296, 30.5881



2.4937, 1.2212, 3.0233

Inverse Universe

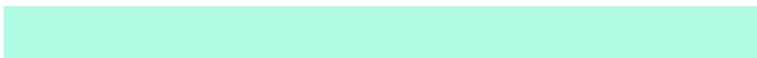
The Inverse Universe completely reimagines the original color for something new.



70.2558, 57.2279, 86.7009



69.6413, 53.6329, 86.7106



66.0344, 83.6524, 85.2930



17.8376, 17.4624, 21.0003



26.5347, 13.0296, 30.5881



2.4937, 1.2212, 3.0233

Previews

White Background



This preview shows how the XYZ color 70.2540, 57.2253, 86.6997 looks on a white background.

Color Contrast Check

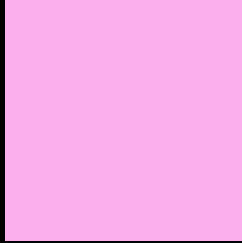
Large Text (above 18pt) WCAG AA × Fail

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 70.2540, 57.2253, 86.6997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

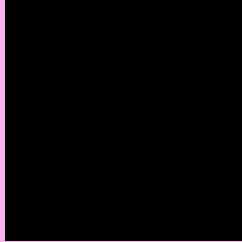
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.2540, 57.2253, 86.6997

Background



This preview shows how black text looks on a background with the XYZ color 70.2540, 57.2253, 86.6997.



This preview shows how white text looks on a background with the XYZ color 70.2540, 57.2253,

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

70.2540, 57.2253, 86.6997

Protanopia

58.0145, 57.8555, 100.2050

Deuteranopia

58.7092, 57.5529, 84.3584



Tritanopia

64.6978, 57.0342, 59.8233

Trichromacy



Original Color

70.2540, 57.2253, 86.6997



Protanomaly

61.6264, 57.1824, 94.9780



Deuteranomaly

62.2064, 57.0653, 84.8269



Tritanomaly

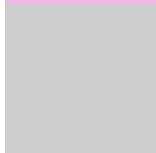
66.5894, 56.8998, 69.1011

Monochromacy



Original Color

70.2540, 57.2253, 86.6997



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.8107, 59.0710, 73.1098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2540, 57.2253, 86.6997 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(251, 175, 236)` looks like.

```
.text, #text, p{  
    color:rgb(251, 175, 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(251, 175, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 175, 236) }
```

Border

The CSS property to change the border of an element to XYZ 70.2540, 57.2253, 86.6997 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(251, 175, 236) }
```


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

```
.border{ border-color:rgb(251, 175, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 175, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 175, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 175, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 175,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2540, 57.2253, 86.6997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 175, 236) }
```

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

```
.background{ background-color: rgb(251,  
175, 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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