

Converting Colors

XYZ(81.1520, 62.0652,
160.9942)

Have a look what the booklet for
XYZ(81.1520, 62.0652, 160.9942)
contains.

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Color

**XYZ(69.9056, 57.5861,
102.0385)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B2FF
RGB	240, 178, 255
RGB Percent	94%, 70%, 100%
CMY	0.0588, 0.3019, 0.0000
CMYK	0.06, 0.30, 0.00, 0.00
HSL	288°, 100%, 85%
HSV	288°, 30%, 100%
XYZ	69.9056, 57.5861, 102.0385
YIQ	205.3160, 12.2350, 37.0910

Conversions

Conversions Part 2

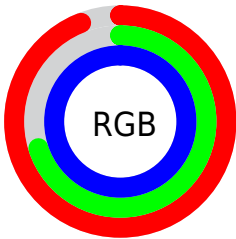
Format	Color
R _Y B	240, 178, 255
Decimal	15774463
CIE Lab	80.51, 35.35, -29.32
CIE LCh	81, 45.928, 320.320
Yxy	57.5861, 0.3046, 0.2509
Android (android.graphics.Color)	4293964543 (0xFFFF0B2FF)
YUV	205.3160, 24.4942, 30.4179
Hunter-Lab	75.8855, 31.6343, -26.6037

Details

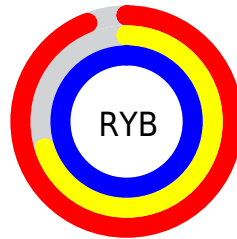
The XYZ color **69.9056, 57.5861, 102.0385** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7896, 86.0725, 55.2684**, and the grayscale version is **58.0745, 61.0989, 66.5367**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **36.9291, 28.5598, 56.9923** is the 20% darker color. If you saturate the color by 10%, you get **63.6329, 47.5089, 100.4241**, and if you desaturate by 10%, it is **77.1709, 69.5779, 103.9703**.

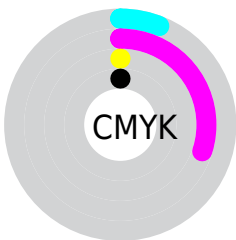
Distribution



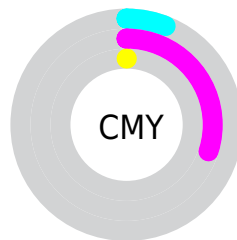
- Red (94%)
- Green (70%)
- Blue (100%)



- Red (94%)
- Yellow (70%)
- Blue (100%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9056, 57.5861, 102.0385 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 69.9056, 57.5861, 102.0385 by changing the saturation by 10% instead.

69.9056, 57.5861,
102.0385

69.9056, 57.5861,
102.0385

449.4901,
415.6419, 588.0111

51.7289, 41.4760,
77.3777

118.1011,
101.3199, 166.0320

37.0124, 28.6912,
57.0495

148.8507,
129.7123, 206.2018

25.3908, 18.8473,
40.6354

184.5219,
162.9677, 252.3783

16.4988, 11.5600,
27.7167

225.4801,
201.4704, 304.9801

9.9708, 6.4448,
17.8751

272.0906,
245.6047, 364.4258

5.4418, 3.1174,
10.6918

324.7189,

2.5461, 1.1933,

295.7552, 431.1338

5.7484

383.7303,
352.3061, 505.5227

■ 0.9186, 0.0563,
2.6264

■ 0.0000, 0.0000,
0.9061

■ 69.9056, 57.5861,
102.0385

■ 69.9056, 57.5861,
102.0385

■ 63.6329, 47.5089,
100.4241

■ 77.1709, 69.5779,
103.9703

■ 58.2949, 39.2343,
99.1082

■ 85.4723, 83.5738,
106.2342

■ 53.8355, 32.6495,
98.0723

94.8569, 99.6665,
108.8458

■ 50.1903, 27.6260,
97.2948

95.0500, 100.0000,
108.9000

■ 47.2854, 24.0169,
96.7512

■ 45.0327, 21.6463,
96.4124

■ 43.3174, 20.2458,
96.2325

Harmonies

Analogous

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



61.2739, 57.5861, 125.0812



69.9056, 57.5861, 102.0385



74.6204, 57.5861, 71.8432

Triad

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



69.9056, 57.5861, 102.0385



57.8392, 57.5861, 24.1831



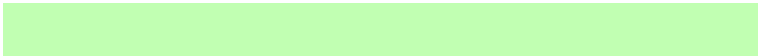
39.4324, 57.5861, 82.5149

Complementary

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



69.9056, 57.5861, 102.0385



65.7896, 86.0725, 55.2684

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.



38.7373, 57.5861, 54.3701



69.9056, 57.5861, 102.0385



48.6766, 57.5861, 25.5276

Square

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



69.9056, 57.5861, 102.0385



67.1445, 57.5861, 30.6298



41.9333, 57.5861, 35.0495



43.9552, 57.5861, 111.7502

Rectangle

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



69.9056, 57.5861, 102.0385



74.5772, 57.5861, 53.8526



41.9333, 57.5861, 35.0495



38.7652, 57.5861, 72.4702

Sweetspot

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



69.9073, 57.5885, 102.0389



86.5351, 85.3833, 106.5275



55.5708, 55.0045, 102.2958



18.2453, 17.8044, 22.7249



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.



69.9073, 57.5885, 102.0389



66.1472, 51.5103, 101.0639



71.7130, 58.9235, 83.8643



18.4255, 18.1111, 22.7746



22.7571, 10.6422, 50.2893



2.3003, 1.0798, 4.9004

Inverse Universe

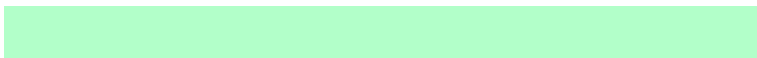
The Inverse Universe completely reimagines the original color for something new.



66.7875, 56.9533, 57.9270



62.7216, 50.8650, 50.2723



64.6761, 85.2075, 68.3602



18.1540, 18.0449, 19.4279



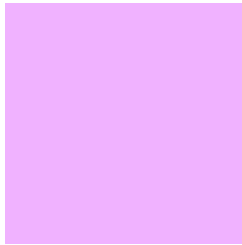
21.8867, 11.2440, 2.7880



2.1671, 1.1092, 0.4613

Previews

White Background



This preview shows how the XYZ color 69.9056, 57.5861, 102.0385 looks on a white background.

Color Contrast Check

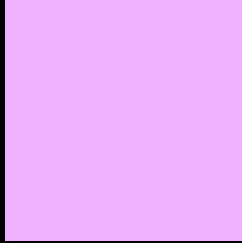
Large Text (above 18pt) WCAG AA × Fail

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 69.9056, 57.5861, 102.0385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

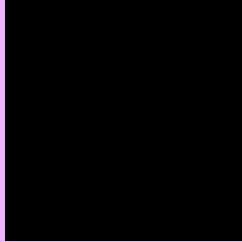
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9056, 57.5861, 102.0385

Background



This preview shows how black text looks on a background with the XYZ color 69.9056, 57.5861, 102.0385.

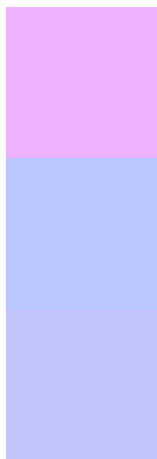


This preview shows how white text looks on a background with the XYZ color 69.9056, 57.5861,

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

69.9056, 57.5861, 102.0385

Protanopia

58.2517, 57.9225, 102.7177

Deuteranopia

59.3029, 57.8456, 100.1352



Tritanopia

62.0414, 57.4340, 64.3159

Trichromacy



Original Color

69.9056, 57.5861, 102.0385



Protanomaly

61.8576, 57.4607, 102.4385



Deuteranomaly

62.5056, 57.1887, 100.6726



Tritanomaly

64.5863, 57.2171, 76.7472

Monochromacy



Original Color

69.9056, 57.5861, 102.0385



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.7478, 59.2634, 77.9965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9056, 57.5861, 102.0385 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(240, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 178, 255)  
}
```

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(240, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 178, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.9056, 57.5861, 102.0385 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(240, 178, 255) }
```


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

```
.border{ border-color:rgb(240, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 178,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9056, 57.5861, 102.0385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 178, 255) }
```

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

```
.background{ background-color: rgb(240,  
178, 255) }
```

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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