

Converting Colors

XYZ(70.6830, 61.6904, 91.3700)

Have a look what the booklet for
XYZ(70.6830, 61.6904, 91.3700)
contains.

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Color

**XYZ(70.6927, 61.6233,
91.3877)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BDF1
RGB	242, 189, 241
RGB Percent	95%, 74%, 95%
CMY	0.0510, 0.2588, 0.0549
CMYK	0.00, 0.22, 0.00, 0.05
HSL	301°, 67%, 85%
HSV	301°, 22%, 95%
XYZ	70.6927, 61.6233, 91.3877
YIQ	210.7750, 14.8960, 27.4080

Conversions

Conversions Part 2

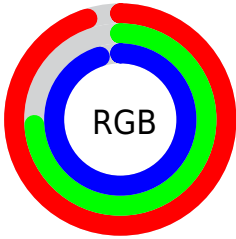
Format	Color
R _Y B	242, 189, 241
Decimal	15908337
CIE _{Lab}	82.71, 27.53, -18.46
CIE _{LCh}	83, 33.149, 326.155
Y _{xy}	61.6233, 0.3160, 0.2755
Android (android.graphics.Color)	4294098417 (0xFFF2BDF1)
Y _{UV}	210.7750, 14.9009, 27.3843
Hunter-Lab	78.5005, 23.3702, -14.0731

Details

The XYZ color **70.6927, 61.6233, 91.3877** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.0351, 78.0426, 60.5126**, and the grayscale version is **61.6680, 64.8795, 70.6538**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **37.4285, 31.1450, 49.9378** is the 20% darker color. If you saturate the color by 10%, you get **65.8477, 52.0413, 89.4372**, and if you desaturate by 10%, it is **76.4101, 72.9478, 93.6313**.

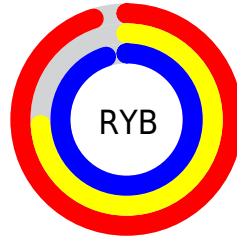
Distribution



Red (95%)

Green (74%)

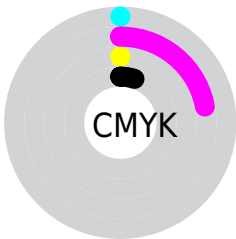
Blue (95%)



Red (95%)

Yellow (74%)

Blue (95%)

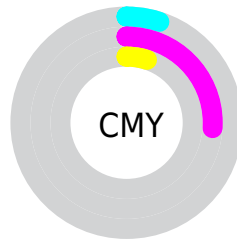


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (26%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6927, 61.6233, 91.3877 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 70.6927, 61.6233, 91.3877 by changing the saturation by 10% instead.

70.6927, 61.6233,
91.3877

70.6927, 61.6233,
91.3877

452.2070,
430.5557, 553.2209

52.3731, 44.7284,
68.5520

119.2170,
107.1809, 151.2168

37.5280, 31.2435,
49.8774

150.1523,
136.6124, 189.0473

25.7921, 20.7844,
34.9455

186.0236,
170.9915, 232.7130

16.8001, 12.9665,
23.3377

227.1963,
210.7027, 282.6327

10.1865, 7.4055,
14.6354

274.0356,
256.1303, 339.2248

5.5860, 3.7169,
8.4201

326.9069,

2.6332, 1.5165,

307.6587, 402.9078

4.2733

386.1756,
365.6724, 474.1003

■ 0.9629, 0.3003,
1.7765

■ 0.0000, 0.0000,
0.4124

■ 70.6927, 61.6233,
91.3877

■ 70.6927, 61.6233,
91.3877

■ 65.8477, 52.0413,
89.4372

■ 76.4101, 72.9478,
93.6313

■ 61.8264, 44.1075,
87.7614

■ 83.0345, 86.0868,
96.1773

■ 58.5840, 37.7312,
86.3460

■ 88.4613, 96.8307,
98.3250

■ 56.0691, 32.8096,
85.1740

■ 88.5302, 96.8582,
98.6875

54.2241, 29.2276,
84.2262

88.5992, 96.8858,
99.0510

52.9828, 26.8527,
83.4804

88.6684, 96.9135,
99.4153

52.2655, 25.5255,
82.9102

88.7377, 96.9412,
99.7806

51.9680, 25.0173,
82.5433

88.8073, 96.9690,
100.1468

88.8770, 96.9969,
100.5138

Harmonies

Analogous

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



64.8152, 61.6233, 108.8004



70.6927, 61.6233, 91.3877



73.3193, 61.6233, 69.7609

Triad

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



70.6927, 61.6233, 91.3877



59.4939, 61.6233, 35.0887



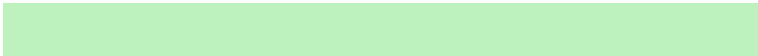
47.1224, 61.6233, 85.9058

Complementary

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



70.6927, 61.6233, 91.3877



62.0351, 78.0426, 60.5126

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.



45.9464, 61.6233, 64.5024



70.6927, 61.6233, 91.3877



52.7415, 61.6233, 37.6994

Square

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



70.6927, 61.6233, 91.3877



66.5312, 61.6233, 39.5181



47.9210, 61.6233, 47.5444



51.2727, 61.6233, 105.2119

Rectangle

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



70.6927, 61.6233, 91.3877



72.7288, 61.6233, 56.7691



47.9210, 61.6233, 47.5444



46.3813, 61.6233, 78.6078

Sweetspot

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



70.6946, 61.6260, 91.3890



89.5634, 89.1136, 106.8038



55.4334, 53.7413, 91.4570



19.0742, 18.8835, 22.8235



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.



70.6946, 61.6260, 91.3890



77.2223, 64.6659, 101.9667



67.0342, 60.1618, 72.1137



16.4406, 16.0260, 19.8766



27.9234, 13.4418, 44.3748



2.3271, 1.1199, 3.7131

Inverse Universe

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



70.6946, 61.6260, 91.3890



77.2223, 64.6659, 101.9667



65.1849, 79.3025, 77.0995



16.4406, 16.0260, 19.8766



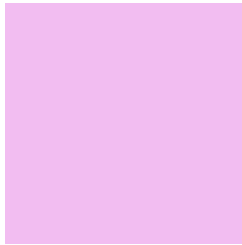
27.9234, 13.4418, 44.3748



2.3271, 1.1199, 3.7131

Previews

White Background



This preview shows how the XYZ color 70.6927, 61.6233, 91.3877 looks on a white background.

Color Contrast Check

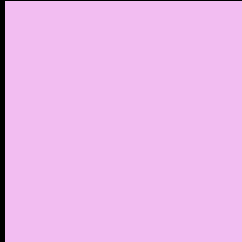
Large Text (above 18pt) WCAG AA × Fail

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 70.6927, 61.6233, 91.3877 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 70.6927, 61.6233, 91.3877

Background



This preview shows how black text looks on a background with the XYZ color 70.6927, 61.6233, 91.3877.



This preview shows how white text looks on a background with the XYZ color 70.6927, 61.6233,

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

70.6927, 61.6233, 91.3877

Protanopia

61.7704, 61.8865, 99.9564

Deuteranopia

63.3306, 61.8542, 90.2625



Tritanopia

66.4079, 61.8605, 69.4130

Trichromacy



Original Color

70.6927, 61.6233, 91.3877



Protanomaly

64.6525, 61.7084, 96.4990



Deuteranomaly

65.8186, 61.7534, 90.8887



Tritanomaly

67.7177, 61.7111, 76.7489

Monochromacy



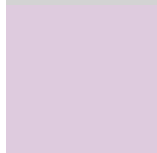
Original Color

70.6927, 61.6233, 91.3877



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

64.6650, 63.5154, 77.9587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6927, 61.6233, 91.3877 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(242, 189, 241)` looks like.

```
.text, #text, p{  
    color:rgb(242, 189, 241)  
}
```

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(242, 189, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 189, 241) }
```

Border

The CSS property to change the border of an element to XYZ 70.6927, 61.6233, 91.3877 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(242, 189, 241) }
```


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

```
.border{ border-color:rgb(242, 189, 241) }
```

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

Here you see how a box with a 4 pixel rgb(242, 189, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 189, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 189, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 189,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6927, 61.6233, 91.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 189, 241) }
```

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

```
.background{ background-color: rgb(242,  
189, 241) }
```

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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