

Converting Colors

XYZ(60.5670, 42.6740, 70.5223)

Have a look what the booklet for
XYZ(60.5670, 42.6740, 70.5223)
contains.

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Color

**XYZ(60.6127, 42.6617,
70.6855)**

Conversions

Conversions Part 1

Format	Color
Hex	FA87D9
RGB	250, 135, 217
RGB Percent	98%, 53%, 85%
CMY	0.0196, 0.4706, 0.1490
CMYK	0.00, 0.46, 0.13, 0.02
HSL	317°, 92%, 75%
HSV	317°, 46%, 98%
XYZ	60.6127, 42.6617, 70.6855
YIQ	178.7330, 42.2180, 49.8820

Conversions

Conversions Part 2

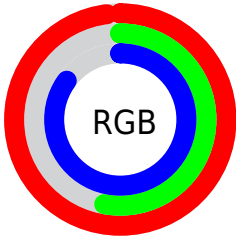
Format	Color
RYB	250, 135, 217
Decimal	16418777
CIELab	71.32, 53.97, -22.62
CIELCh	71, 58.520, 337.266
Yxy	42.6617, 0.3484, 0.2452
Android (android.graphics.Color)	4294608857 (0xFFFA87D9)
YUV	178.7330, 18.8656, 62.5012
Hunter-Lab	65.3159, 51.3438, -18.4430

Details

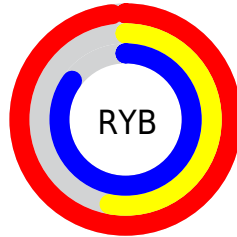
The XYZ color **60.6127, 42.6617, 70.6855** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **51.2471, 76.3506, 49.0852**, and the grayscale version is **42.5941, 44.8123, 48.8006**.

A 20% lighter version of the original color is **77.9208, 65.7416, 103.1903**, and **30.9499, 19.5699, 36.3285** is the 20% darker color. If you saturate the color by 10%, you get **56.6125, 36.1219, 64.8479**, and if you desaturate by 10%, it is **65.4749, 50.8594, 77.0115**.

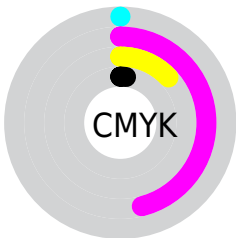
Distribution



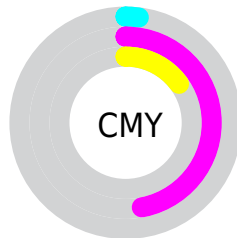
- Red (98%)
- Green (53%)
- Blue (85%)



- Red (98%)
- Yellow (53%)
- Blue (85%)



- Cyan (0%)
- Magenta (46%)
- Yellow (13%)
- Black (2%)




- Cyan (2%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6127, 42.6617, 70.6855 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 60.6127, 42.6617, 70.6855 by changing the saturation by 10% instead.


 60.6127, 42.6617,
70.6855


 60.6127, 42.6617,
70.6855


416.6511,
357.2187, 481.8073


 44.1640, 29.6198,
51.6053

 104.8193, 79.2001,
121.8761

 30.9979, 19.5502,
36.3105

 133.3078,
103.4654, 154.8236

 20.7491, 12.0685,
24.3825

 166.5404,
132.2405, 193.2306

 13.0521, 6.7903,
15.4028

204.8824,
165.9100, 237.5156

 7.5417, 3.3313,
8.9528

248.6991,
204.8581, 288.0973

 3.8524, 1.3071,
4.6140

298.3559,

 1.6190, 0.1467,

249.4694, 345.3941

1.9679

354.2181,
300.1281, 409.8246

■ 0.4047, 0.0000,
0.5354

■ 0.0000, 0.0000,
0.0000

■ 60.6127, 42.6617,
70.6855

■ 60.6127, 42.6617,
70.6855

■ 56.6125, 36.1219,
64.8479

■ 65.4749, 50.8594,
77.0115

■ 53.4117, 31.1174,
59.4739

■ 71.2482, 60.8141,
83.8434

■ 50.9453, 27.5183,
54.5399

■ 77.9826, 72.6245,
91.2007

■ 49.1357, 25.1705,
50.0173

■ 85.7232, 86.3800,
99.1009

■ 47.8870, 23.8829,
45.8715

■ 92.8940, 98.9279,
107.0209

■ 47.4865, 23.5489,
44.2978

■ 93.2347, 99.0642,
108.8150

Harmonies

Analogous

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



53.1124, 42.6617, 104.2662



60.6127, 42.6617, 70.6855



62.3516, 42.6617, 39.9325

Triad

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



60.6127, 42.6617, 70.6855



38.2036, 42.6617, 10.7754



27.2828, 42.6617, 87.5727

Complementary

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



60.6127, 42.6617, 70.6855



51.2471, 76.3506, 49.0852

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.



24.5325, 42.6617, 53.6436



60.6127, 42.6617, 70.6855



30.1411, 42.6617, 15.3043

Square

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



60.6127, 42.6617, 70.6855



48.3056, 42.6617, 12.2637



25.4871, 42.6617, 28.5057



33.6700, 42.6617, 116.4559

Rectangle

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



60.6127, 42.6617, 70.6855



59.7903, 42.6617, 25.7939



25.4871, 42.6617, 28.5057



25.9536, 42.6617, 75.9454

Sweetspot

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



60.6140, 42.6637, 70.6864



83.0939, 78.6573, 96.9932



41.9812, 32.5116, 94.5060



17.4315, 16.2099, 20.3894



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.



60.6140, 42.6637, 70.6864



59.5762, 38.3581, 68.3870



54.4279, 40.1892, 38.1105



17.7682, 17.4347, 20.6352



25.2534, 12.5171, 23.8403



2.3846, 1.1776, 2.4489

Inverse Universe

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



60.6140, 42.6637, 70.6864



59.5762, 38.3581, 68.3870



57.7809, 78.9641, 83.4915



17.7682, 17.4347, 20.6352



25.2534, 12.5171, 23.8403



2.3846, 1.1776, 2.4489

Previews

White Background



This preview shows how the XYZ color 60.6127, 42.6617, 70.6855 looks on a white background.

Color Contrast Check

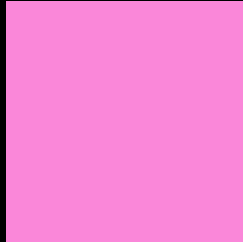
Large Text (above 18pt) WCAG AA × Fail

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 60.6127, 42.6617, 70.6855 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 60.6127, 42.6617, 70.6855

Background



This preview shows how black text looks on a background with the XYZ color 60.6127, 42.6617, 70.6855.



This preview shows how white text looks on a background with the XYZ color 60.6127, 42.6617,

70.6855.

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

60.6127, 42.6617, 70.6855

Protanopia

44.5619, 43.2520, 92.3860

Deuteranopia

43.7763, 42.8276, 67.5873



Tritanopia

53.9135, 42.5692, 37.7229

Trichromacy



Original Color

60.6127, 42.6617, 70.6855



Protanomaly

48.1326, 41.4858, 84.0680



Deuteranomaly

48.5942, 41.8144, 68.4606



Tritanomaly

55.9652, 42.4924, 47.9000

Monochromacy



Original Color

60.6127, 42.6617, 70.6855



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

47.8997, 43.0238, 56.2319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6127, 42.6617, 70.6855 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(250, 135, 217)` looks like.

```
.text, #text, p{  
    color:rgb(250, 135, 217)  
}
```

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(250, 135, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 135, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.6127, 42.6617, 70.6855 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(250, 135, 217) }
```


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

```
.border{ border-color:rgb(250, 135, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 135, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 135, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 135, 217);  
box-shadow:4px 4px 4px 4px rgb(250, 135,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6127, 42.6617, 70.6855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 135, 217) }
```

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

```
.background{ background-color: rgb(250,  
135, 217) }
```

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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