

Converting Colors

XYZ(61.0275, 42.8197, 83.1640)

Have a look what the booklet for
XYZ(61.0275, 42.8197, 83.1640)
contains.

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Color

**XYZ(60.9637, 42.7819,
82.8865)**

Conversions

Conversions Part 1

Format	Color
Hex	F488EA
RGB	244, 136, 234
RGB Percent	96%, 53%, 92%
CMY	0.0431, 0.4666, 0.0823
CMYK	0.00, 0.44, 0.04, 0.04
HSL	306°, 83%, 75%
HSV	306°, 44%, 96%
XYZ	60.9637, 42.7819, 82.8865
YIQ	179.4640, 32.9100, 53.3740

Conversions

Conversions Part 2

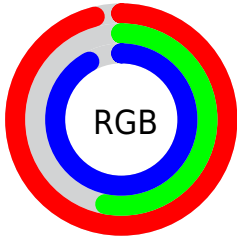
Format	Color
RYB	244, 136, 234
Decimal	16025834
CIELab	71.41, 54.45, -31.91
CIElCh	71, 63.113, 329.624
Yxy	42.7819, 0.3267, 0.2292
Android (android.graphics.Color)	4294215914 (0xFFFF488EA)
YUV	179.4640, 26.8862, 56.5981
Hunter-Lab	65.4079, 51.9079, -29.3483

Details

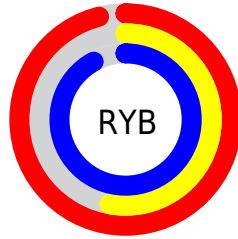
The XYZ color **60.9637, 42.7819, 82.8865** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **47.6942, 72.0125, 38.5828**, and the grayscale version is **42.9452, 45.1817, 49.2029**.

A 20% lighter version of the original color is **78.1396, 66.1793, 103.2632**, and **31.3029, 19.6880, 44.2698** is the 20% darker color. If you saturate the color by 10%, you get **57.5882, 36.5463, 80.1703**, and if you desaturate by 10%, it is **65.1282, 50.5872, 85.8870**.

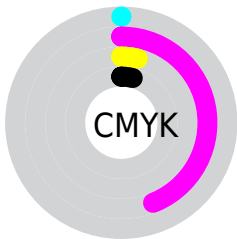
Distribution



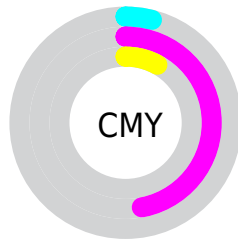
- Red (96%)
- Green (53%)
- Blue (92%)



- Red (96%)
- Yellow (53%)
- Blue (92%)



- Cyan (0%)
- Magenta (44%)
- Yellow (4%)
- Black (4%)




- Cyan (4%)
- Magenta (47%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9637, 42.7819, 82.8865 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 60.9637, 42.7819, 82.8865 by changing the saturation by 10% instead.


 60.9637, 42.7819,
82.8865


 60.9637, 42.7819,
82.8865


417.9189,
357.7141, 524.5693


 44.4483, 29.7140,
61.5565

 105.3248, 79.3816,
139.2643

 31.2225, 19.6216,
44.2409


 133.9012,
103.6823, 175.1491

 20.9210, 12.1203,
30.5214


 167.2286,
132.4960, 216.7226

 13.1784, 6.8257,
19.9793

205.6725,
166.2071, 264.4034

 7.6294, 3.3533,
12.1960

249.5981,
205.2001, 318.6099

 3.9085, 1.3189,
6.7532

299.3708,

 1.6505, 0.1557,

249.8593, 379.7606

3.2321

355.3559,
300.5692, 448.2743

■ 0.4250, 0.0000,
1.2143

■ 0.0000, 0.0000,
0.0000

■ 60.9637, 42.7819,
82.8865

■ 60.9637, 42.7819,
82.8865

■ 57.5882, 36.5463,
80.1703

■ 65.1282, 50.5872,
85.8870

■ 54.9438, 31.7672,
77.7177

■ 70.1263, 60.0538,
89.1854

■ 52.9713, 28.3252,
75.5093

■ 76.0041, 71.2732,
92.7977

■ 51.6004, 26.0798,
73.5217

■ 82.8031, 84.3285,
96.7377

50.7451, 24.8593,
71.7261

89.5958, 97.3642,
100.6962

50.4141, 24.4755,
70.7579

89.9435, 97.5033,
102.5273

90.2955, 97.6441,
104.3806

90.6517, 97.7865,
106.2563

91.0121, 97.9307,
108.1544

Harmonies

Analogous

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



51.6238, 42.7819, 118.2264



60.9637, 42.7819, 82.8865



64.7121, 42.7819, 46.9673

Triad

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



60.9637, 42.7819, 82.8865



40.7971, 42.7819, 9.1459



25.3600, 42.7819, 81.9137

Complementary

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



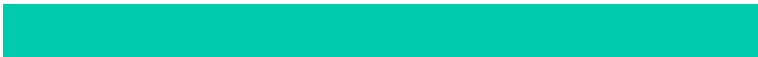
60.9637, 42.7819, 82.8865



47.6942, 72.0125, 38.5828

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.



23.4600, 42.7819, 46.1993



60.9637, 42.7819, 82.8865



31.3749, 42.7819, 11.9807

Square

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



60.9637, 42.7819, 82.8865



51.8965, 42.7819, 12.1367



25.4580, 42.7819, 22.8126



31.1800, 42.7819, 117.5134

Rectangle

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



60.9637, 42.7819, 82.8865



63.1082, 42.7819, 29.5616



25.4580, 42.7819, 22.8126



24.2920, 42.7819, 69.1320

Sweetspot

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



60.9651, 42.7838, 82.8874



84.8811, 80.4468, 103.0915



36.8123, 30.1619, 89.4708



17.8360, 16.5831, 21.8681



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.



60.9651, 42.7838, 82.8874



64.0384, 41.0969, 88.9439



54.4546, 40.1796, 48.6035



17.1436, 16.7403, 20.5026



27.4393, 13.3192, 38.6174



2.4306, 1.1782, 3.4939

Inverse Universe

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



60.9651, 42.7838, 82.8874



64.0384, 41.0969, 88.9439



52.8146, 74.0607, 65.5463



17.1436, 16.7403, 20.5026



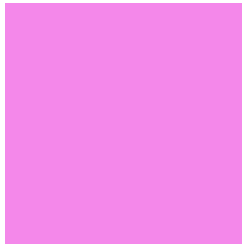
27.4393, 13.3192, 38.6174



2.4306, 1.1782, 3.4939

Previews

White Background



This preview shows how the XYZ color 60.9637, 42.7819, 82.8865 looks on a white background.

Color Contrast Check

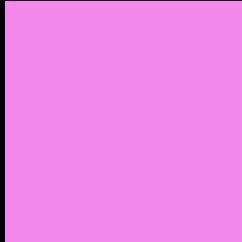
Large Text (above 18pt) WCAG AA × Fail

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 60.9637, 42.7819, 82.8865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

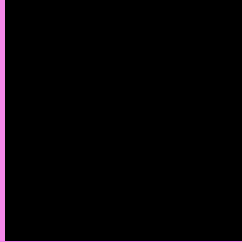
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9637, 42.7819, 82.8865

Background



This preview shows how black text looks on a background with the XYZ color 60.9637, 42.7819, 82.8865.



This preview shows how white text looks on a background with the XYZ color 60.9637, 42.7819,

82.8865.

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

60.9637, 42.7819, 82.8865

Protanopia

45.2063, 43.4030, 100.6027

Deuteranopia

44.0660, 42.9990, 79.3759



Tritanopia

52.1000, 42.7630, 40.1584

Trichromacy



Original Color

60.9637, 42.7819, 82.8865



Protanomaly

48.8877, 41.9243, 93.5112



Deuteranomaly

48.6734, 41.8469, 80.3748



Tritanomaly

54.7241, 42.4090, 53.4456

Monochromacy



Original Color

60.9637, 42.7819, 82.8865



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

48.0346, 43.0144, 59.8037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9637, 42.7819, 82.8865 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(244, 136, 234)` looks like.

```
.text, #text, p{  
    color:rgb(244, 136, 234)  
}
```

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(244, 136, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 136, 234) }
```

Border

The CSS property to change the border of an element to XYZ 60.9637, 42.7819, 82.8865 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(244, 136, 234) }
```


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

```
.border{ border-color:rgb(244, 136, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 136, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 136, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 136, 234);  
box-shadow:4px 4px 4px 4px rgb(244, 136,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9637, 42.7819, 82.8865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 136, 234) }
```

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

```
.background{ background-color: rgb(244,  
136, 234) }
```

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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