

Converting Colors

XYZ(60.9654, 44.0925, 83.0029)

Have a look what the booklet for
XYZ(60.9654, 44.0925, 83.0029)
contains.

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Color

**XYZ(61.1422, 44.1638,
83.1438)**

Conversions

Conversions Part 1

Format	Color
Hex	F28EEA
RGB	242, 142, 234
RGB Percent	95%, 56%, 92%
CMY	0.0510, 0.4431, 0.0823
CMYK	0.00, 0.41, 0.03, 0.05
HSL	305°, 79%, 75%
HSV	305°, 41%, 95%
XYZ	61.1422, 44.1638, 83.1438
YIQ	182.3880, 30.0680, 49.8120

Conversions

Conversions Part 2

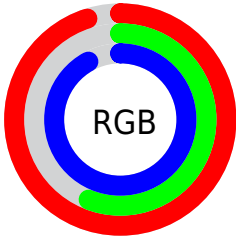
Format	Color
R _Y B	242, 142, 234
Decimal	15896298
CIE Lab	72.34, 50.86, -30.50
CIE LCh	72, 59.300, 329.049
Yxy	44.1638, 0.3244, 0.2344
Android (android.graphics.Color)	4294086378 (0xFFFF28EEA)
YUV	182.3880, 25.4447, 52.2797
Hunter-Lab	66.4559, 47.9298, -27.6594

Details

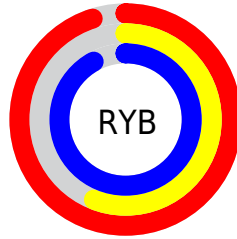
The XYZ color **61.1422, 44.1638, 83.1438** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **48.4144, 71.4585, 40.0980**, and the grayscale version is **44.5304, 46.8494, 51.0190**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **31.2928, 20.3841, 44.4047** is the 20% darker color. If you saturate the color by 10%, you get **57.6486, 37.6185, 80.6147**, and if you desaturate by 10%, it is **65.4232, 52.2773, 85.9512**.

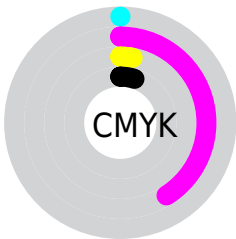
Distribution



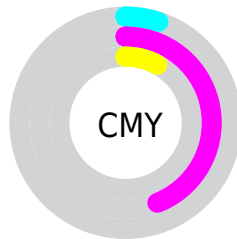
- Red (95%)
- Green (56%)
- Blue (92%)



- Red (95%)
- Yellow (56%)
- Blue (92%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (44%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1422, 44.1638, 83.1438 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 61.1422, 44.1638, 83.1438 by changing the saturation by 10% instead.


 61.1422, 44.1638,
83.1438


 61.1422, 44.1638,
83.1438


418.5628,
363.3763, 525.4492

 44.5929, 30.7993,
61.7675

 105.5818, 81.4642,
139.6279

 31.3368, 20.4461,
44.4103


 134.2027,
106.1688, 175.5727

 21.0085, 12.7197,
30.6536


167.5783,
135.4223, 217.2108

 13.2427, 7.2358,
20.0790

206.0739,
169.6091, 264.9607

 7.6741, 3.6100,
12.2678

250.0547,
209.1134, 319.2410

 3.9371, 1.4579,
6.8016

299.8863,

 1.6666, 0.2588,

254.3198, 380.4701

3.2618

355.9338,
305.6126, 449.0667

■ 0.4352, 0.0000,
1.2298

■ 0.0000, 0.0000,
0.0032

■ 61.1422, 44.1638,
83.1438

■ 61.1422, 44.1638,
83.1438

■ 57.6486, 37.6185,
80.6147

■ 65.4232, 52.2773,
85.9512

■ 54.8871, 32.5333,
78.3442


■ 70.5339, 62.0462,
89.0498


■ 52.8018, 28.7959,
76.3139


■ 76.5185, 73.5580,
92.4549

■ 51.3272, 26.2750,
74.5021


■ 83.4170, 86.8927,
96.1796


 50.3846, 24.8132,
72.8825


 88.6592, 96.9098,
99.3675

 49.8890, 24.1857,
71.5961

 88.9543, 97.0278,
100.9215

 89.2525, 97.1471,
102.4919

 89.5539, 97.2677,
104.0786

 89.8583, 97.3894,
105.6818

Harmonies

Analogous

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



52.2375, 44.1638, 115.7966



61.1422, 44.1638, 83.1438



64.7975, 44.1638, 49.0247

Triad

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



61.1422, 44.1638, 83.1438



42.3026, 44.1638, 10.9529



27.0599, 44.1638, 80.8404

Complementary

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



61.1422, 44.1638, 83.1438



48.4144, 71.4585, 40.0980

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.



25.2621, 44.1638, 47.1611



61.1422, 44.1638, 83.1438



33.1555, 44.1638, 13.8019

Square

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



61.1422, 44.1638, 83.1438



52.8922, 44.1638, 14.2113



27.3034, 44.1638, 24.5984



32.6763, 44.1638, 114.1306

Rectangle

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



61.1422, 44.1638, 83.1438



63.3771, 44.1638, 31.9858



27.3034, 44.1638, 24.5984



26.0335, 44.1638, 68.8471

Sweetspot

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



61.1436, 44.1658, 83.1447



85.6616, 81.8499, 103.8383



38.0358, 32.1174, 88.1999



18.1358, 17.1352, 22.1145



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.



61.1436, 44.1658, 83.1447



65.3449, 43.1485, 91.1098



55.0849, 41.7423, 51.2396



16.3965, 16.0083, 19.6442



26.8245, 13.0022, 38.5880



2.2476, 1.0881, 3.2947

Inverse Universe

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



61.1436, 44.1658, 83.1447



65.3449, 43.1485, 91.1098



53.1793, 73.3645, 65.1900



16.3965, 16.0083, 19.6442



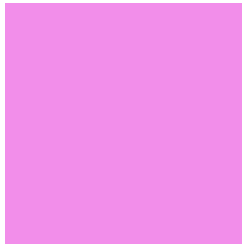
26.8245, 13.0022, 38.5880



2.2476, 1.0881, 3.2947

Previews

White Background



This preview shows how the XYZ color 61.1422, 44.1638, 83.1438 looks on a white background.

Color Contrast Check

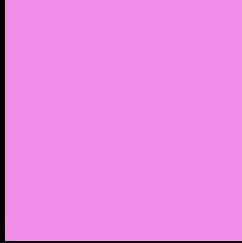
Large Text (above 18pt) WCAG AA × Fail

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 61.1422, 44.1638, 83.1438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

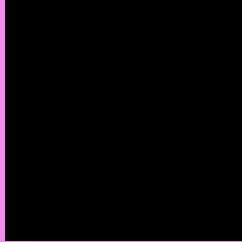
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1422, 44.1638, 83.1438

Background



This preview shows how black text looks on a background with the XYZ color 61.1422, 44.1638, 83.1438.



This preview shows how white text looks on a background with the XYZ color 61.1422, 44.1638,

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

61.1422, 44.1638, 83.1438

Protanopia

46.3289, 44.5553, 100.7660

Deuteranopia

45.4820, 44.5862, 79.6076



Tritanopia

52.8880, 44.0965, 42.7698

Trichromacy



Original Color

61.1422, 44.1638, 83.1438



Protanomaly

49.8933, 43.2241, 93.7091



Deuteranomaly

49.8858, 43.5097, 80.6318



Tritanomaly

55.5061, 43.9435, 55.4256

Monochromacy



Original Color

61.1422, 44.1638, 83.1438



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

49.2632, 44.6918, 61.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1422, 44.1638, 83.1438 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, 142, 234)` looks like.

```
.text, #text, p{  
    color:rgb(242, 142, 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(242, 142, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 142, 234) }
```

Border

The CSS property to change the border of an element to XYZ 61.1422, 44.1638, 83.1438 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, 142, 234) }
```


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

```
.border{ border-color:rgb(242, 142, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 142, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 142, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 142, 234);  
box-shadow:4px 4px 4px 4px rgb(242, 142,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1422, 44.1638, 83.1438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 142, 234) }
```

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

```
.background{ background-color: rgb(242,  
142, 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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