

Converting Colors

XYZ(61.7847, 44.1376, 75.2278)

Have a look what the booklet for
XYZ(61.7847, 44.1376, 75.2278)
contains.

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Color

**XYZ(61.7643, 44.2236,
75.0927)**

Conversions

Conversions Part 1

Format	Color
Hex	F98CDF
RGB	249, 140, 223
RGB Percent	98%, 55%, 87%
CMY	0.0235, 0.4510, 0.1255
CMYK	0.00, 0.44, 0.10, 0.02
HSL	314°, 90%, 76%
HSV	314°, 44%, 98%
XYZ	61.7643, 44.2236, 75.0927
YIQ	182.0530, 38.3210, 48.9210

Conversions

Conversions Part 2

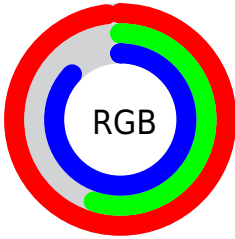
Format	Color
R _Y B	249, 140, 223
Decimal	16354527
CIE Lab	72.38, 52.14, -24.33
CIE LCh	72, 57.539, 334.989
Yxy	44.2236, 0.3411, 0.2442
Android (android.graphics.Color)	4294544607 (0xFFFF98CDF)
YUV	182.0530, 20.1869, 58.7125
Hunter-Lab	66.5008, 49.4099, -20.3997

Details

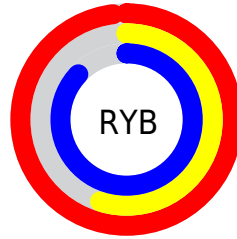
The XYZ color **61.7643, 44.2236, 75.0927** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **51.5758, 76.0815, 48.0463**, and the grayscale version is **44.3725, 46.6834, 50.8382**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **31.8815, 20.5591, 39.3337** is the 20% darker color. If you saturate the color by 10%, you get **57.7425, 37.4385, 69.8702**, and if you desaturate by 10%, it is **66.6401, 52.6702, 80.7393**.

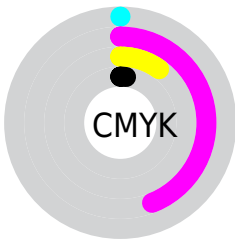
Distribution



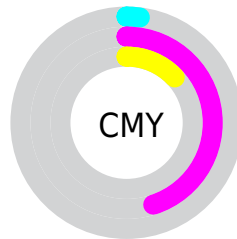
- Red (98%)
- Green (55%)
- Blue (87%)



- Red (98%)
- Yellow (55%)
- Blue (87%)



- Cyan (0%)
- Magenta (44%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7643, 44.2236, 75.0927 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 61.7643, 44.2236, 75.0927 by changing the saturation by 10% instead.

61.7643, 44.2236,
75.0927

61.7643, 44.2236,
75.0927

420.8021,
363.6199, 497.5000

45.0972, 30.8463,
55.1866

106.4767, 81.5541,
128.1919

31.7356, 20.4819,
39.1516

135.2526,
106.2761, 162.2221

21.3142, 12.7458,
26.5689

168.7955,
135.5485, 201.7974

13.4676, 7.2537,
17.0202

207.4707,
169.7557, 247.3364

7.8305, 3.6213,
10.0868

251.6437,
209.2820, 299.2577

4.0376, 1.4641,
5.3502

301.6796,

1.7234, 0.2632,

254.5119, 357.9797

2.3918

357.9440,
305.8298, 423.9209

■ 0.4709, 0.0000,
0.7820

■ 0.0000, 0.0000,
0.0000

■ 61.7643, 44.2236,
75.0927

■ 61.7643, 44.2236,
75.0927

■ 57.7425, 37.4385,
69.8702

■ 66.6401, 52.6702,
80.7393

■ 54.5140, 32.1963,
65.0490

■ 72.4170, 62.8743,
86.8259

■ 52.0166, 28.3723,
60.6073

■ 79.1434, 74.9316,
93.3703

■ 50.1767, 25.8198,
56.5191

■ 86.8632, 88.9293,
100.3886

■ 48.9047, 24.3598,
52.7530

■ 92.5092, 98.7327,
106.8596

■ 48.3182, 23.8403,
50.5429

■ 92.8773, 98.8799,
108.7983

Harmonies

Analogous

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



53.9282, 44.2236, 108.0925



61.7643, 44.2236, 75.0927



64.0061, 44.2236, 43.5624

Triad

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



61.7643, 44.2236, 75.0927



40.3985, 44.2236, 11.6893



28.2802, 44.2236, 86.6927

Complementary

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



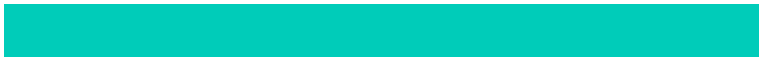
61.7643, 44.2236, 75.0927



51.5758, 76.0815, 48.0463

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.



25.7706, 44.2236, 53.0531



61.7643, 44.2236, 75.0927



32.0301, 44.2236, 15.8621

Square

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



61.7643, 44.2236, 75.0927



50.6113, 44.2236, 13.7054



27.0274, 44.2236, 28.5753



34.4837, 44.2236, 116.4309

Rectangle

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



61.7643, 44.2236, 75.0927



61.7683, 44.2236, 28.5889



27.0274, 44.2236, 28.5753



27.0251, 44.2236, 75.0669

Sweetspot

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



61.7657, 44.2256, 75.0936



84.1242, 80.1440, 99.1058



42.0864, 33.6440, 93.8992



17.6474, 16.5077, 20.8751



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.



61.7657, 44.2256, 75.0936



61.2254, 39.9717, 74.1312



55.6144, 41.7651, 42.7016



17.8056, 17.4496, 20.8321



25.9220, 12.7845, 27.3615



2.4419, 1.2005, 2.7503

Inverse Universe

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



61.7657, 44.2256, 75.0936



61.2254, 39.9717, 74.1312



57.6020, 78.4920, 79.7801



17.8056, 17.4496, 20.8321



25.9220, 12.7845, 27.3615



2.4419, 1.2005, 2.7503

Previews

White Background



This preview shows how the XYZ color 61.7643, 44.2236, 75.0927 looks on a white background.

Color Contrast Check

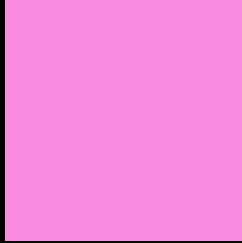
Large Text (above 18pt) WCAG AA × Fail

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 61.7643, 44.2236, 75.0927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

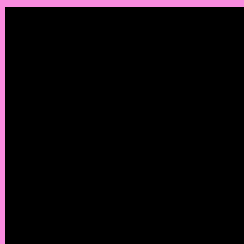
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7643, 44.2236, 75.0927

Background



This preview shows how black text looks on a background with the XYZ color 61.7643, 44.2236, 75.0927.



This preview shows how white text looks on a background with the XYZ color 61.7643, 44.2236,

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

61.7643, 44.2236, 75.0927

Protanopia

45.9464, 44.4681, 95.7841

Deuteranopia

45.5649, 44.5120, 71.8358



Tritanopia

54.5470, 44.0141, 40.7426

Trichromacy



Original Color

61.7643, 44.2236, 75.0927



Protanomaly

49.6348, 42.9507, 88.1124



Deuteranomaly

50.3351, 43.6516, 72.7905



Tritanomaly

57.0030, 44.0951, 51.4058

Monochromacy



Original Color

61.7643, 44.2236, 75.0927



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

49.3504, 44.7905, 58.8677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7643, 44.2236, 75.0927 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(249, 140, 223)` looks like.

```
.text, #text, p{  
    color:rgb(249, 140, 223)  
}
```

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(249, 140, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 140, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.7643, 44.2236, 75.0927 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(249, 140, 223) }
```


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

```
.border{ border-color:rgb(249, 140, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 140, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 140, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 140, 223);  
box-shadow:4px 4px 4px 4px rgb(249, 140,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7643, 44.2236, 75.0927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 140, 223) }
```

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

```
.background{ background-color: rgb(249,  
140, 223) }
```

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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