

Converting Colors

XYZ(56.2442, 42.3747, 75.0829)

Have a look what the booklet for
XYZ(56.2442, 42.3747, 75.0829)
contains.

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Color

**XYZ(56.3997, 42.5674,
75.0558)**

Conversions

Conversions Part 1

Format	Color
Hex	E791DF
RGB	231, 145, 223
RGB Percent	91%, 57%, 87%
CMY	0.0941, 0.4314, 0.1255
CMYK	0.00, 0.37, 0.03, 0.09
HSL	306°, 64%, 74%
HSV	306°, 37%, 91%
XYZ	56.3997, 42.5674, 75.0558
YIQ	179.6060, 26.2180, 42.4900

Conversions

Conversions Part 2

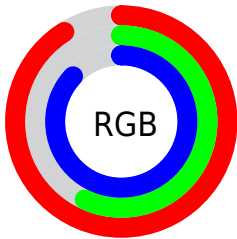
Format	Color
RYB	231, 145, 223
Decimal	15176159
CIELab	71.26, 44.04, -26.22
CIELCh	71, 51.256, 329.227
Yxy	42.5674, 0.3241, 0.2446
Android (android.graphics.Color)	4293366239 (0xFFE791DF)
YUV	179.6060, 21.3932, 45.0725
Hunter-Lab	65.2437, 40.1273, -22.5361

Details

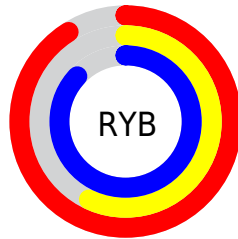
The XYZ color **56.3997, 42.5674, 75.0558** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **46.0045, 65.4730, 40.3523**, and the grayscale version is **43.0518, 45.2939, 49.3250**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **28.3506, 19.4801, 39.3116** is the 20% darker color. If you saturate the color by 10%, you get **52.9347, 36.0975, 72.4807**, and if you desaturate by 10%, it is **60.5886, 50.4778, 77.8913**.

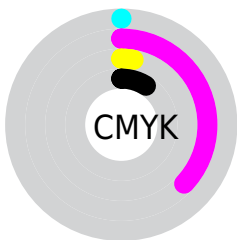
Distribution



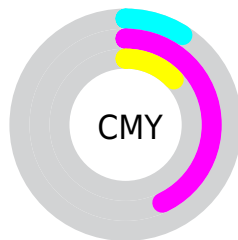
- Red (91%)
- Green (57%)
- Blue (87%)



- Red (91%)
- Yellow (57%)
- Blue (87%)



- Cyan (0%)
- Magenta (37%)
- Yellow (3%)
- Black (9%)





- Cyan (9%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3997, 42.5674, 75.0558 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 56.3997, 42.5674, 75.0558 by changing the saturation by 10% instead.


 56.3997, 42.5674,
75.0558


 56.3997, 42.5674,
75.0558


401.2467,
356.8297, 497.3699

 40.7617, 29.5458,
55.1566

 98.7252, 79.0576,
128.1392

 28.3198, 19.4941,
39.1277


 126.1434,
103.2951, 162.1604

 18.7086, 12.0279,
26.5505


158.2190,
132.0400, 201.7261

 11.5626, 6.7627,
17.0064

195.3175,
165.6767, 247.2548

 6.5167, 3.3141,
10.0771

237.8042,
204.5897, 299.1649

 3.2053, 1.2978,
5.3438

286.0444,

 1.2633, 0.1395,

249.1632, 357.8751

2.3881

340.4034,
299.7817, 423.8039

■ 0.1555, 0.0000,
0.7800

■ 0.0000, 0.0000,
0.0000

■ 56.3997, 42.5674,
75.0558

■ 56.3997, 42.5674,
75.0558

■ 52.9347, 36.0975,
72.4807

■ 60.5886, 50.4778,
77.8913

■ 50.1459, 30.9747,
70.1485

■ 65.5376, 59.9030,
80.9979

■ 47.9860, 27.1040,
68.0440

■ 71.2850, 70.9194,
84.3890

■ 46.4000, 24.3752,
66.1488

■ 77.8656, 83.5961,
88.0761

45.3232, 22.6592,
64.4412

83.5303, 94.4351,
91.4763

44.6711, 21.7866,
62.8930

83.8406, 94.5592,
93.1102

44.5274, 21.6179,
62.4793

84.1547, 94.6848,
94.7639

84.4725, 94.8120,
96.4374

84.7940, 94.9406,
98.1309

Harmonies

Analogous

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



49.0846, 42.5674, 101.1984



56.3997, 42.5674, 75.0558



59.3542, 42.5674, 46.9908

Triad

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



56.3997, 42.5674, 75.0558



40.6826, 42.5674, 13.2854



27.6728, 42.5674, 73.5394

Complementary

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



56.3997, 42.5674, 75.0558



46.0045, 65.4730, 40.3523

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.



26.0712, 42.5674, 45.7124



56.3997, 42.5674, 75.0558



32.9082, 42.5674, 16.0812

Square

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



56.3997, 42.5674, 75.0558



49.5257, 42.5674, 16.3989



27.8464, 42.5674, 26.0910



32.5725, 42.5674, 100.1264

Rectangle

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



56.3997, 42.5674, 75.0558



58.1729, 42.5674, 32.4336



27.8464, 42.5674, 26.0910



26.7644, 42.5674, 63.7640

Sweetspot

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



56.4011, 42.5693, 75.0567



86.3280, 83.2239, 103.9340



37.5312, 32.7139, 79.9387



18.2665, 17.4083, 22.1218



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.



56.4011, 42.5693, 75.0567



67.0331, 46.6407, 91.3159



51.4054, 40.5711, 48.7500



14.9343, 14.5909, 17.8542



24.9872, 12.1291, 35.1569



1.8634, 0.9031, 2.6873

Inverse Universe

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



56.4011, 42.5693, 75.0567



67.0331, 46.6407, 91.3159



50.1238, 67.1207, 62.0442



14.9343, 14.5909, 17.8542



24.9872, 12.1291, 35.1569



1.8634, 0.9031, 2.6873

Previews

White Background



This preview shows how the XYZ color 56.3997, 42.5674, 75.0558 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 56.3997, 42.5674, 75.0558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

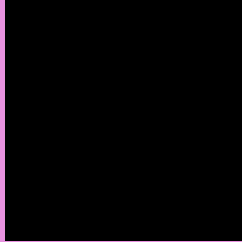
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3997, 42.5674, 75.0558

Background



This preview shows how black text looks on a background with the XYZ color 56.3997, 42.5674, 75.0558.



This preview shows how white text looks on a background with the XYZ color 56.3997, 42.5674,

75.0558.

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

56.3997, 42.5674, 75.0558

Protanopia

44.2185, 42.8090, 91.5203

Deuteranopia

43.7954, 42.7338, 72.2699



Tritanopia

49.6968, 42.4514, 42.6204

Trichromacy



Original Color

56.3997, 42.5674, 75.0558



Protanomaly

47.1167, 41.7205, 84.9264



Deuteranomaly

47.5768, 42.2144, 73.3508



Tritanomaly

51.9839, 42.4182, 53.0246

Monochromacy



Original Color

56.3997, 42.5674, 75.0558



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.3357, 43.7651, 58.1772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3997, 42.5674, 75.0558 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(231, 145, 223)` looks like.

```
.text, #text, p{  
    color:rgb(231, 145, 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(231, 145, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 145, 223) }
```

Border

The CSS property to change the border of an element to XYZ 56.3997, 42.5674, 75.0558 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(231, 145, 223) }
```


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

```
.border{ border-color:rgb(231, 145, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 145, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 145, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 145, 223);  
box-shadow:4px 4px 4px 4px rgb(231, 145,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3997, 42.5674, 75.0558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 145, 223) }
```

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

```
.background{ background-color: rgb(231,  
145, 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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