

Converting Colors

XYZ(60.5540, 44.9364, 75.2932)

Have a look what the booklet for
XYZ(60.5540, 44.9364, 75.2932)
contains.

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Color

**XYZ(60.5603, 44.9402,
75.2945)**

Conversions

Conversions Part 1

Format	Color
Hex	F392DF
RGB	243, 146, 223
RGB Percent	95%, 57%, 87%
CMY	0.0471, 0.4274, 0.1255
CMYK	0.00, 0.40, 0.08, 0.05
HSL	312°, 80%, 76%
HSV	312°, 40%, 95%
XYZ	60.5603, 44.9402, 75.2945
YIQ	183.7810, 33.0950, 44.5110

Conversions

Conversions Part 2

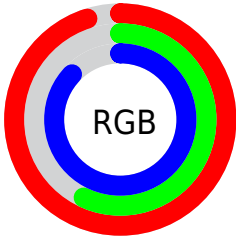
Format	Color
R _Y B	243, 146, 223
Decimal	15962847
CIE Lab	72.85, 47.26, -23.67
CIE LCh	73, 52.858, 333.401
Yxy	44.9402, 0.3350, 0.2486
Android (android.graphics.Color)	4294152927 (0xFFFF392DF)
YUV	183.7810, 19.3350, 51.9351
Hunter-Lab	67.0375, 43.9378, -19.6666

Details

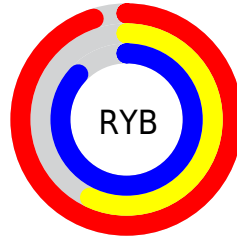
The XYZ color **60.5603, 44.9402, 75.2945** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.7895, 72.9667, 47.4865**, and the grayscale version is **45.3245, 47.6849, 51.9288**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **30.9898, 20.9701, 39.4601** is the 20% darker color. If you saturate the color by 10%, you get **56.5396, 37.9633, 70.6707**, and if you desaturate by 10%, it is **65.3999, 53.5213, 80.2909**.

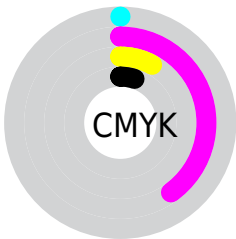
Distribution



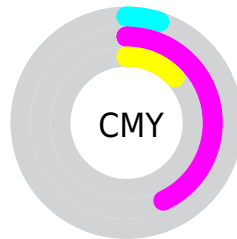
- Red (95%)
- Green (57%)
- Blue (87%)



- Red (95%)
- Yellow (57%)
- Blue (87%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5603, 44.9402, 75.2945 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 60.5603, 44.9402, 75.2945 by changing the saturation by 10% instead.


 60.5603, 44.9402,
75.2945


 60.5603, 44.9402,
75.2945

416.4617,
366.5313, 498.2116

 44.1216, 31.4103,
55.3510


 104.7438, 82.6307,
128.4801

 30.9644, 20.9115,
39.2823


 133.2192,
107.5601, 162.5593

 20.7235, 13.0593,
26.6699

166.4376,
137.0581, 202.1874

 13.0333, 7.4694,
17.0952

204.7644,
171.5091, 247.7830

 7.5287, 3.7574,
10.1397

248.5648,
211.2975, 299.7648

 3.8441, 1.5388,
5.3849

298.2043,

 1.6143, 0.3158,

256.8078, 358.5511

2.4122

354.0481,
308.4243, 424.5605

■ 0.4017, 0.0000,
0.7931

■ 0.0000, 0.0000,
0.0000

■ 60.5603, 44.9402,
75.2945

■ 60.5603, 44.9402,
75.2945

■ 56.5396, 37.9633,
70.6707

■ 65.3999, 53.5213,
80.2909

■ 53.2824, 32.4825,
66.3987

■ 71.1006, 63.7933,
85.6733

■ 50.7333, 28.3864,
62.4597

■ 77.7070, 75.8440,
91.4579

■ 48.8272, 25.5451,
58.8311

■ 85.2591, 89.7534,
97.6589

■ 47.4867, 23.8040,
55.4863

■ 89.6742, 97.3555,
102.9160

■ 46.5834, 22.9068,
52.3815

■ 90.4624, 97.6708,
107.0670

■ 46.5764, 22.9004,
52.3559

■ 90.7725, 97.7949,
108.6998

Harmonies

Analogous

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



53.2089, 44.9402, 104.5673



60.5603, 44.9402, 75.2945



62.9131, 44.9402, 45.9882

Triad

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



60.5603, 44.9402, 75.2945



41.6736, 44.9402, 13.7862



29.5854, 44.9402, 82.4474

Complementary

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



60.5603, 44.9402, 75.2945



50.7895, 72.9667, 47.4865

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.



27.3802, 44.9402, 51.9994



60.5603, 44.9402, 75.2945



33.6992, 44.9402, 17.6579

Square

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



60.5603, 44.9402, 75.2945



51.1323, 44.9402, 16.1780



28.7716, 44.9402, 29.5770



35.2750, 44.9402, 109.6328

Rectangle

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



60.5603, 44.9402, 75.2945



61.0881, 44.9402, 31.4461



28.7716, 44.9402, 29.5770



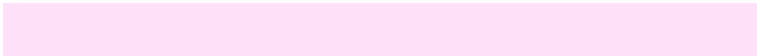
28.4523, 44.9402, 71.9321

Sweetspot

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



60.5617, 44.9423, 75.2954



85.0539, 81.6068, 100.6384



42.0591, 35.0736, 89.3480



17.9920, 17.0777, 21.3570



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.



60.5617, 44.9423, 75.2954



63.8223, 43.6255, 79.7441



54.9904, 42.7137, 45.9575



17.0587, 16.7063, 20.0555



25.6130, 12.5886, 29.0000



2.2871, 1.1208, 2.7384

Inverse Universe

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



60.5617, 44.9423, 75.2954



63.8223, 43.6255, 79.7441



56.0312, 75.0634, 75.0886



17.0587, 16.7063, 20.0555



25.6130, 12.5886, 29.0000



2.2871, 1.1208, 2.7384

Previews

White Background



This preview shows how the XYZ color 60.5603, 44.9402, 75.2945 looks on a white background.

Color Contrast Check

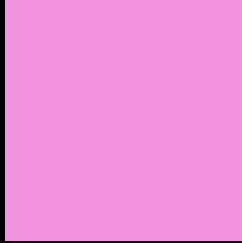
Large Text (above 18pt) WCAG AA × Fail

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 60.5603, 44.9402, 75.2945 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 60.5603, 44.9402, 75.2945

Background



This preview shows how black text looks on a background with the XYZ color 60.5603, 44.9402, 75.2945.



This preview shows how white text looks on a background with the XYZ color 60.5603, 44.9402,

75.2945.

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

60.5603, 44.9402, 75.2945

Protanopia

46.6548, 45.4690, 93.5062

Deuteranopia

46.1163, 45.0690, 72.5983



Tritanopia

54.1435, 44.9830, 43.3650

Trichromacy



Original Color

60.5603, 44.9402, 75.2945



Protanomaly

50.3040, 44.3926, 86.8062



Deuteranomaly

50.2811, 44.1357, 73.5791



Tritanomaly

56.1731, 44.8073, 53.8321

Monochromacy



Original Color

60.5603, 44.9402, 75.2945



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.7446, 45.8058, 59.6457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5603, 44.9402, 75.2945 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(243, 146, 223)` looks like.

```
.text, #text, p{  
    color:rgb(243, 146, 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(243, 146, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 146, 223) }
```

Border

The CSS property to change the border of an element to XYZ 60.5603, 44.9402, 75.2945 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(243, 146, 223) }
```


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

```
.border{ border-color:rgb(243, 146, 223) }
```

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

Here you see how a box with a 4 pixel rgb(243, 146, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 146, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 146, 223);  
box-shadow:4px 4px 4px 4px rgb(243, 146,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5603, 44.9402, 75.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 146, 223) }
```

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

```
.background{ background-color: rgb(243,  
146, 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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