

Converting Colors

XYZ(54.6311, 38.2590, 75.0150)

Have a look what the booklet for
XYZ(54.6311, 38.2590, 75.0150)
contains.

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Color

**XYZ(54.5835, 38.2381,
75.0248)**

Conversions

Conversions Part 1

Format	Color
Hex	E881E0
RGB	232, 129, 224
RGB Percent	91%, 51%, 88%
CMY	0.0902, 0.4941, 0.1216
CMYK	0.00, 0.44, 0.03, 0.09
HSL	305°, 69%, 71%
HSV	305°, 44%, 91%
XYZ	54.5835, 38.2381, 75.0248
YIQ	170.6270, 30.8930, 51.3810

Conversions

Conversions Part 2

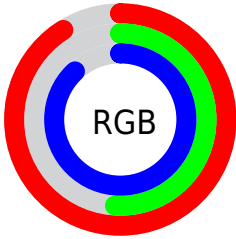
Format	Color
R _Y B	232, 129, 224
Decimal	15237600
CIE Lab	68.20, 52.69, -31.48
CIE LCh	68, 61.379, 329.140
Yxy	38.2381, 0.3252, 0.2278
Android (android.graphics.Color)	4293427680 (0xFFE881E0)
YUV	170.6270, 26.3129, 53.8241
Hunter-Lab	61.8370, 49.3473, -28.6488

Details

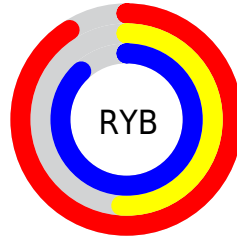
The XYZ color **54.5835, 38.2381, 75.0248** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **42.4269, 64.1879, 33.8226**, and the grayscale version is **38.3845, 40.3834, 43.9776**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **27.0395, 16.8580, 38.8746** is the 20% darker color. If you saturate the color by 10%, you get **51.6246, 32.7086, 72.8393**, and if you desaturate by 10%, it is **58.2412, 45.1595, 77.4568**.

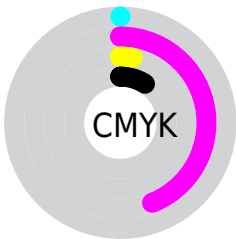
Distribution



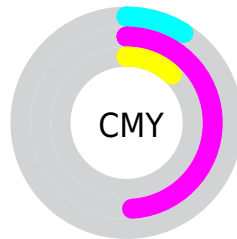
- Red (91%)
- Green (51%)
- Blue (88%)



- Red (91%)
- Yellow (51%)
- Blue (88%)



- Cyan (0%)
- Magenta (44%)
- Yellow (3%)
- Black (9%)





- Cyan (9%)
- Magenta (49%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5835, 38.2381, 75.0248 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 54.5835, 38.2381, 75.0248 by changing the saturation by 10% instead.


 54.5835, 38.2381,
75.0248


 54.5835, 38.2381,
75.0248


394.4933,
338.6403, 497.2605


 39.3009, 26.1675,
55.1314


 96.0823, 72.4729,
128.0949

 27.1756, 16.9490,
39.1076


 123.0293, 95.4060,
162.1086

 17.8425, 10.1981,
26.5350


 154.5950,
122.7287, 201.6662

 10.9359, 5.5305,
16.9949

191.1449,
154.8254, 247.1861

 6.0907, 2.5618,
10.0690

233.0443,
192.0805, 299.0870

 2.9415, 0.9075,
5.3385

280.6586,

 1.1229, 0.0000,

234.8784, 357.7873

2.3850

334.3532,
283.6035, 423.7056

■ 0.0442, 0.0000,
0.7783

■ 0.0000, 0.0000,
0.0000

■ 54.5835, 38.2381,
75.0248

■ 54.5835, 38.2381,
75.0248

■ 51.6246, 32.7086,
72.8393

■ 58.2412, 45.1595,
77.4568

■ 49.3131, 28.4706,
70.8820


■ 62.6370, 53.5537,
80.1472


■ 47.5968, 25.4189,
69.1357


■ 67.8118, 63.5016,
83.1102

■ 46.4136, 23.4292,
67.5799


■ 73.8023, 75.0769,
86.3580


 45.6876, 22.3498,
66.1890


 80.6430, 88.3484,
89.9021

 45.4142, 22.0100,
65.4594

 84.0077, 94.6634,
92.3005

 84.2692, 94.7680,
93.6775

 84.5333, 94.8737,
95.0684

 84.8001, 94.9804,
96.4734

Harmonies

Analogous

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



46.0836, 38.2381, 106.8958



54.5835, 38.2381, 75.0248



58.0767, 38.2381, 42.4326

Triad

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



54.5835, 38.2381, 75.0248



36.6217, 38.2381, 8.0073



22.4997, 38.2381, 73.0098

Complementary

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



54.5835, 38.2381, 75.0248



42.4269, 64.1879, 33.8226

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.



20.8480, 38.2381, 40.8471



54.5835, 38.2381, 75.0248



28.0838, 38.2381, 10.4450

Square

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



54.5835, 38.2381, 75.0248



46.6475, 38.2381, 10.7635



22.7013, 38.2381, 19.9955



27.6820, 38.2381, 105.4162

Rectangle

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



54.5835, 38.2381, 75.0248



56.6972, 38.2381, 26.6084



22.7013, 38.2381, 19.9955



21.5582, 38.2381, 61.4623

Sweetspot

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



54.5848, 38.2398, 75.0256



84.9596, 80.4782, 103.5049



32.5492, 26.7517, 79.7930



17.8556, 16.5909, 21.9713



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.



54.5848, 38.2398, 75.0256



64.3439, 41.2191, 90.5526



48.7348, 35.8998, 44.2199



14.9443, 14.5949, 17.9069



25.2333, 12.2275, 36.4532



1.8791, 0.9094, 2.7699

Inverse Universe

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



54.5848, 38.2398, 75.0256



64.3439, 41.2191, 90.5526



46.9204, 65.9853, 57.4850



14.9443, 14.5949, 17.9069



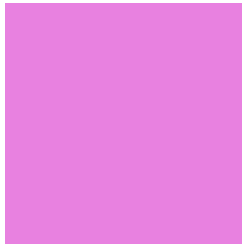
25.2333, 12.2275, 36.4532



1.8791, 0.9094, 2.7699

Previews

White Background



This preview shows how the XYZ color 54.5835, 38.2381, 75.0248 looks on a white background.

Color Contrast Check

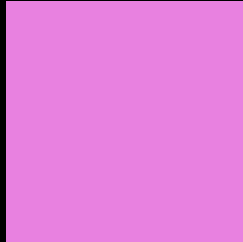
Large Text (above 18pt) WCAG AA × Fail

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 54.5835, 38.2381, 75.0248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

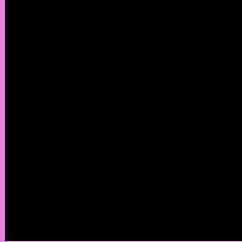
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5835, 38.2381, 75.0248

Background



This preview shows how black text looks on a background with the XYZ color 54.5835, 38.2381, 75.0248.



This preview shows how white text looks on a background with the XYZ color 54.5835, 38.2381,

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

54.5835, 38.2381, 75.0248

Protanopia

40.9995, 38.8134, 97.4263

Deuteranopia

39.4479, 38.5814, 71.6975



Tritanopia

46.6301, 38.1604, 35.9184

Trichromacy



Original Color

54.5835, 38.2381, 75.0248



Protanomaly

43.8882, 37.2019, 88.8719



Deuteranomaly

43.5133, 37.3678, 72.6295



Tritanomaly

49.1494, 38.0914, 47.9419

Monochromacy



Original Color

54.5835, 38.2381, 75.0248



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

43.1750, 38.8321, 53.9350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5835, 38.2381, 75.0248 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(232, 129, 224)` looks like.

```
.text, #text, p{  
    color:rgb(232, 129, 224)  
}
```

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(232, 129, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 129, 224) }
```

Border

The CSS property to change the border of an element to XYZ 54.5835, 38.2381, 75.0248 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(232, 129, 224) }
```


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

```
.border{ border-color:rgb(232, 129, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 129, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 129, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 129, 224);  
box-shadow:4px 4px 4px 4px rgb(232, 129,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5835, 38.2381, 75.0248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 129, 224) }
```

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

```
.background{ background-color: rgb(232,  
129, 224) }
```

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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