

Converting Colors

XYZ(54.1461, 40.6160, 73.8804)

Have a look what the booklet for
XYZ(54.1461, 40.6160, 73.8804)
contains.

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Color

**XYZ(54.0737, 40.4924,
74.0731)**

Conversions

Conversions Part 1

Format	Color
Hex	E28DDE
RGB	226, 141, 222
RGB Percent	89%, 55%, 87%
CMY	0.1137, 0.4470, 0.1294
CMYK	0.00, 0.38, 0.02, 0.11
HSL	303°, 59%, 72%
HSV	303°, 38%, 89%
XYZ	54.0737, 40.4924, 74.0731
YIQ	175.6490, 24.6590, 43.2110

Conversions

Conversions Part 2

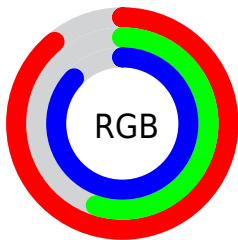
Format	Color
R _Y B	226, 141, 222
Decimal	14847454
CIE _{Lab}	69.82, 44.40, -27.94
CIE _{LCh}	70, 52.453, 327.820
Y _{xy}	40.4924, 0.3206, 0.2401
Android (android.graphics.Color)	4293037534 (0xFFE28DDE)
YUV	175.6490, 22.8510, 44.1578
Hunter-Lab	63.6336, 40.3244, -24.4733

Details

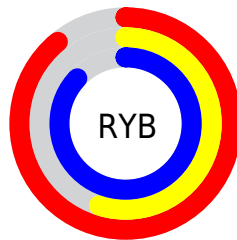
The XYZ color **54.0737, 40.4924, 74.0731** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **43.2934, 62.1011, 36.4952**, and the grayscale version is **40.9613, 43.0945, 46.9299**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **26.8270, 18.2045, 38.6591** is the 20% darker color. If you saturate the color by 10%, you get **50.9335, 34.4385, 72.3255**, and if you desaturate by 10%, it is **57.8974, 47.9100, 76.0537**.

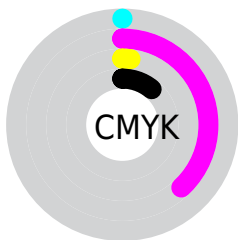
Distribution



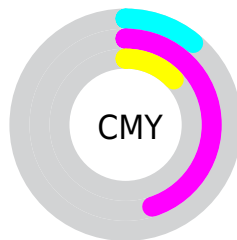
- Red (89%)
- Green (55%)
- Blue (87%)



- Red (89%)
- Yellow (55%)
- Blue (87%)



- Cyan (0%)
- Magenta (38%)
- Yellow (2%)
- Black (11%)





- Cyan (11%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0737, 40.4924, 74.0731 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 54.0737, 40.4924, 74.0731 by changing the saturation by 10% instead.


 54.0737, 40.4924,
74.0731


 54.0737, 40.4924,
74.0731


392.5848,
348.1946, 493.8958

 38.8915, 27.9227,
54.3567

 95.3387, 75.9127,
126.7344

 26.8557, 18.2674,
38.4918


 122.1522, 99.5321,
160.5165

 17.6009, 11.1421,
26.0598


153.5735,
127.6036, 199.8241

 10.7618, 6.1625,
16.6422

189.9680,
160.5114, 245.0759

 5.9730, 2.9441,
9.8205

231.7010,
198.6400, 296.6905

 2.8692, 1.1026,
5.1761

279.1379,

 1.0850, 0.0000,

242.3738, 355.0863

2.2904

332.6440,
292.0972, 420.6819

■ 0.0125, 0.0000,
0.7258

■ 0.0000, 0.0000,
0.0000

■ 54.0737, 40.4924,
74.0731

■ 54.0737, 40.4924,
74.0731

■ 50.9335, 34.4385,
72.3255

■ 57.8974, 47.9100,
76.0537

■ 48.4310, 29.6597,
70.7946

■ 62.4386, 56.7622,
78.2776

■ 46.5216, 26.0655,
69.4658

■ 67.7340, 67.1212,
80.7573

■ 45.1527, 23.5509,
68.3215

■ 73.8166, 79.0532,
83.5038

44.2629, 21.9929,
67.3414

80.7174, 92.6200,
86.5276

43.7685, 21.2244,
66.4974

81.1813, 93.3117,
87.4102

43.6771, 21.0940,
66.3052

81.3298, 93.3711,
88.1921

81.4792, 93.4309,
88.9789

81.6295, 93.4910,
89.7705

Harmonies

Analogous

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



46.6446, 40.4924, 99.9197



54.0737, 40.4924, 74.0731



57.2751, 40.4924, 45.8971

Triad

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



54.0737, 40.4924, 74.0731



39.1129, 40.4924, 11.8723



25.7468, 40.4924, 69.7925

Complementary

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



54.0737, 40.4924, 74.0731



43.2934, 62.1011, 36.4952

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.



24.3350, 40.4924, 42.3297



54.0737, 40.4924, 74.0731



31.3404, 40.4924, 14.2627

Square

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



54.0737, 40.4924, 74.0731



47.8815, 40.4924, 15.1198



26.2261, 40.4924, 23.5351



30.4091, 40.4924, 96.8739

Rectangle

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



54.0737, 40.4924, 74.0731



56.2725, 40.4924, 31.2403



26.2261, 40.4924, 23.5351



24.9094, 40.4924, 60.0518

Sweetspot

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



54.0750, 40.4942, 74.0740



86.5336, 83.3061, 105.0162



34.7267, 30.4571, 76.0010



18.3158, 17.4280, 22.3817



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.



54.0750, 40.4942, 74.0740



67.8472, 46.9663, 95.6027



49.1967, 38.5429, 48.3853



14.2657, 13.9239, 17.1693



24.9302, 12.0391, 37.8940



1.7367, 0.8380, 2.6725

Inverse Universe

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



54.0750, 40.4942, 74.0740



67.8472, 46.9663, 95.6027



47.0808, 63.6161, 56.4398



14.2657, 13.9239, 17.1693



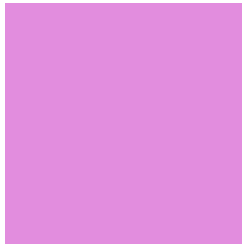
24.9302, 12.0391, 37.8940



1.7367, 0.8380, 2.6725

Previews

White Background



This preview shows how the XYZ color 54.0737, 40.4924, 74.0731 looks on a white background.

Color Contrast Check

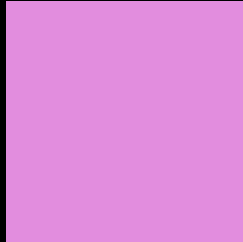
Large Text (above 18pt) WCAG AA × Fail

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 54.0737, 40.4924, 74.0731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

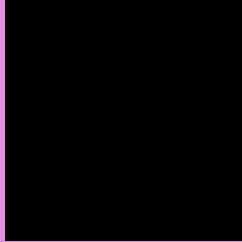
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0737, 40.4924, 74.0731

Background



This preview shows how black text looks on a background with the XYZ color 54.0737, 40.4924, 74.0731.



This preview shows how white text looks on a background with the XYZ color 54.0737, 40.4924,

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

54.0737, 40.4924, 74.0731

Protanopia

42.3930, 40.7722, 90.4295

Deuteranopia

41.6313, 40.8015, 71.3269



Tritanopia

47.3962, 40.5591, 40.9280

Trichromacy



Original Color

54.0737, 40.4924, 74.0731



Protanomaly

45.1268, 39.6820, 83.8782



Deuteranomaly

45.2627, 40.0073, 72.3544



Tritanomaly

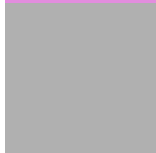
49.7346, 40.5697, 51.6638

Monochromacy



Original Color

54.0737, 40.4924, 74.0731



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

44.9710, 41.5140, 56.0948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0737, 40.4924, 74.0731 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(226, 141, 222)` looks like.

```
.text, #text, p{  
    color:rgb(226, 141, 222)  
}
```

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(226, 141, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 141, 222) }
```

Border

The CSS property to change the border of an element to XYZ 54.0737, 40.4924, 74.0731 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(226, 141, 222) }
```


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

```
.border{ border-color:rgb(226, 141, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 141, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 141, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 141, 222); box-shadow:4px 4px 4px 4px rgb(226, 141, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0737, 40.4924, 74.0731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 141, 222) }
```

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

```
.background{ background-color: rgb(226,  
141, 222) }
```

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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